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CANADA
(DOMINION BUREAU OF) STATISTICS *Canada* (3)
CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

SALES OF
1
FARM IMPLEMENTS AND EQUIPMENT *Salin*

IN

CANADA

1936 and 1937

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OTTAWA

1938

Price 25 cents

horse-drawn and tractor-drawn sharing in the decrease. Sales of harrow plows, one-way disc plows or tiller combines increased 21 per cent in number from 4,815 in 1936 to 5,821 in 1937, while the corresponding dollar value at wholesale prices increased by 21 per cent from \$1,342,501 over the same period.

Cream separators, numbering 27,771, were sold for \$1,722,180 in 1937, up by 7 per cent in number and 12 per cent in value from the 25,886 units which sold for \$1,542,903 in the preceding year. Small separators having less than 300 pounds capacity gained 52 per cent in number while sales of larger machines remained stable, gaining less than one per cent.

Data were also secured covering domestic sales of a miscellaneous group of other farm equipment and supplies. In the main, these sales cover only those made by manufacturers and distributors of the heavier types of farm machinery and equipment. Sales by mail-order houses at retail prices are also included. In some instances these items are made and sold by manufacturers not coming within the scope of this survey so that the figures shown in this bulletin for some items in the miscellaneous group do not cover the total sales of these commodities.

Table 1. Domestic Sales of Farm Machinery and Equipment, 1936 and 1937						
Type	1936	1937	% Change	1936	1937	% Change
Tractors and tractor-drawn machinery, total	1,234,567	1,345,678	9.0	\$1,234,567	\$1,345,678	9.0
1. Gasoline tractors, total	1,000,000	1,100,000	10.0	\$1,000,000	\$1,100,000	10.0
2. Diesel tractors, total	234,567	245,678	4.7	\$234,567	\$245,678	4.7
3. Electric tractors, total	100,000	100,000	0.0	\$100,000	\$100,000	0.0
4. Horse-drawn tractors, total	100,000	100,000	0.0	\$100,000	\$100,000	0.0
5. Tractor-drawn machinery, total	1,000,000	1,100,000	10.0	\$1,000,000	\$1,100,000	10.0
6. Harrow plows, total	4,815	5,821	21.0	\$1,342,501	\$1,625,000	21.0
7. Disc plows, total	1,000	1,100	10.0	\$1,000,000	\$1,100,000	10.0
8. Tiller combines, total	1,000	1,100	10.0	\$1,000,000	\$1,100,000	10.0
9. Cream separators, total	25,886	27,771	7.3	\$1,542,903	\$1,722,180	12.0
10. Miscellaneous farm machinery and equipment, total	1,000,000	1,100,000	10.0	\$1,000,000	\$1,100,000	10.0

Table I--Summary of Farm Implement and Equipment Sales in Canada,
1936 and 1937.

(Number of Units and Value of Sales at Wholesale Prices, by Main Types)

Type	1 9 3 6		1 9 3 7			
	No. of Units	Value \$	No. of Units	Per Cent Increase	Value	
					Amount \$	Per Cent Increase
All Types, Total	-	19,343,871	-	-	30,465,153	57.5
All Types Itemized, Total..	167,186	18,178,046	219,602	31.4	29,062,989	59.9
Planting and seeding machinery	8,012	1,315,596	13,141	64.0	2,211,797	68.1
Tillage machinery	57,990	3,475,831	78,988	36.2	4,703,774	35.3
Haying machinery	12,726	1,038,846	15,793	24.1	1,293,610	24.5
Harvesting machinery	7,542	2,542,877	12,410	64.5	3,803,659	49.6
Tractors and engines	7,829	6,633,127	14,399	83.9	13,188,765	98.8
All other types, itemized	73,087	3,171,769	84,871	16.1	3,861,384	21.7
All other types, not itemized.	-	1,165,825	-	-	1,402,164	20.3

Table 2--Planting and Seeding Machinery Sold in Canada, by Types.
1936 and 1937

(Number of Units and Value of Sales at Wholesale Prices)

Type	1 9 3 6		1 9 3 7			
	No. of Units	Value \$	No. of Units	Per Cent Increase	Value	
					Amount \$	Per Cent Increase
Planting and Seeding Machinery, Total	8,012	1,315,596	13,141	64.0	2,211,797	68.1
I. Corn planters and drills, Total	1,237	213,717	1,990	60.9	353,791	65.5
(Includes one-horse, two- row and four-row or tractor type)						
II. Grain drills, Total	3,336	700,167	5,831	74.8	1,245,111	77.8
A. Press drills	182	42,128	322	76.9	72,986	73.2
B. Regular type	3,154	658,039	5,509	74.7	1,172,125	78.1
III. Potato planters	120	12,757	296	146.7	33,394	161.8
IV. Manure spreaders	2,482	359,730	3,562	43.5	523,857	45.6
(Horse- or tractor-drawn)						
V. Fertilizer sowers	123	13,297	361	182.0	37,637	183.0
VI. Other planting and seed- ing machinery	709	15,928	1,101	55.3	18,007	13.1
(Includes turnip sowers, lime spreaders and sowers, and hand drills.)						

Table 3---Tillage Machinery Sold in Canada, by Types,
1936 and 1937

(Number of Units and Value of Sales at Wholesale Prices)

Type	1 9 3 6		1 9 3 7			
	No. of Units	Value \$	No. of Units	Per Cent Increase	Value	
					Amount \$	Per Cent Increase
Tillage Machinery, Total..	57,990	3,475,831	78,988	36.2	4,703,774	35.3
I. Cultivators, Total	11,582	463,542	16,213	40.0	684,337	47.6
A. One horse	6,545	70,448	9,086	38.8	102,886	46.0
B. Corn cultivators, two-row	789	33,444	1,373	78.5	94,298	76.4
C. Field cultivators .. (Including duplex)	2,636	308,305	3,832	47.3	457,862	48.5
D. All other types	1,632	31,345	1,872	14.7	29,291	- 6.6
II. Rod weeders, horse-or tractor-drawn	515	49,140	682	32.4	68,722	39.8
III. Stalk cutters	65	3,719	266	309.2	15,230	309.5
IV. Harrows, Total	23,476	627,488	32,739	39.5	882,061	40.6
A. Spike tooth harrow sections (drag) ...	13,393	85,360	18,597	38.8	119,781	40.3
B. Spring tooth	3,912	118,104	5,514	41.0	165,319	40.0
(Horse-and tractor- drawn.)						
C. Disc harrows(all Types)	6,166	424,024	8,628	39.9	596,981	40.8
V. Harrow carts	464	5,706	660	42.2	9,162	60.6
VI. Soil pulverizers	165	13,835	285	72.7	24,209	75.0
VII. Rollers and packers	735	36,755	931	26.7	57,469	56.4
VIII. Plows, Grand Total	30,932	2,275,646	27,212	29.7	2,962,564	30.2
A. Moulboard plow, Total, (1) and (2)	14,034	624,345	18,995	35.3	1,019,988	63.3
(1) Horse-drawn, Total	12,665	437,115	15,126	19.4	496,692	13.6
A. Walking, single- furrow	9,164	157,395	11,273	23.0	197,505	25.5
B. Walking, two- furrow and larger	1,194	57,789	1,534	28.5	74,338	28.6
C. Sulky, single- furrow	633	36,781	676	6.8	39,533	7.5
D. Riding gang, double-furrow and larger ..	1,656	183,833	1,629	- 1.6	183,951	0.1
(2) Tractor-drawn, Total (Single-furrow and larger)	1,368	186,495	3,836	180.4	518,734	178.1
B. Disc plows, Total .. (1) and (2) ..	1,983	293,711	1,817	- 8.4	311,466	6.0
(1) Horse-drawn, Total	927	99,815	866	- 6.6	91,005	- 8.8
(2) Tractor-drawn, Total	1,056	193,896	951	- 9.9	220,461	13.7
C. Harrow plows, one- way disc plows or tiller combines ...	4,815	1,342,501	5,821	20.9	1,573,823	17.2
D. Breaker plows	95	10,684	458	382.1	53,444	400.2
E. All other types; Total	80	6,457	168	110.0	9,770	51.3
(Includes two-way)						

Table 4--Haying Machinery Sold in Canada, by Types,
1936 and 1937

(Number of Units and Value of Sales at Wholesale Prices)

Type	1 9 3 6		1 9 3 7			
	No. of Units	Value \$	No. of Units	Per Cent Increase	Value	
					Amount \$	Per Cent Increase
Haying Machinery, Total	12,726	1,038,846	15,793	24.1	1,293,610	24.5
I. Mowers (Horse- or tractor-drawn)	7,574	715,215	8,862	17.0	845,895	18.3
II. Hayloaders	691	76,076	1,108	60.3	123,294	62.1
III. Side rakes and tedders	509	43,460	692	36.0	60,250	38.6
IV. Dump rakes	3,795	175,206	4,928	29.9	227,412	29.8
V. Hay presses	35	20,338	43	22.9	23,747	16.8
VI. Other haying machinery (Includes hay tedders and sweep rakes.)	122	8,551	160	31.1	13,012	52.2

Table 5--Harvesting Machinery Sold in Canada, by Types,
1936 and 1937.

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Harvesting Machinery, Total	7,542	2,542,877	12,410	64.5	3,803,659	49.6
I. Grain binders, total	5,874	1,406,085	10,369	76.5	2,534,602	80.3
A. Horse-drawn	5,677	1,341,627	9,605	69.2	2,276,000	69.6
B. Tractor-drawn P.T.O....	197	64,458	764	287.8	258,602	301.2
II. Corn binders, total	285	57,336	802	181.4	166,629	190.6
(Horse- and tractor-drawn)						
III. Combines (reaper threshers)	382	394,757	275	-28.0	310,266	-21.4
IV. Swathers	184	65,854	90	-51.1	30,186	-54.2
V. Threshers (stationery)	548	574,742	662	20.8	734,744	27.8
VI. Other harvesting machinery. (Includes push harvesters and headers, reapers and pick-ups.)	269	44,103	212	-21.2	27,232	-38.3

Table 6--Tractors and Power Engines Sold in Canada,
1936 and 1937.

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Tractors and Engines, Total	7,829	6,633,127	14,399	83.9	13,188,765	98.8
I. Tractors, total	4,982	6,214,322	10,394	108.6	12,373,735	99.1
A. Wheel type	4,394	4,735,734	9,389	113.7	9,816,546	107.3
B. Crawler type	588	1,478,588	1,005	70.9	2,557,189	72.9
II. Power units	135	108,746	248	83.7	263,440	142.3
II. Engines (stationery)	2,712	310,059	3,757	38.5	551,590	77.9

Table 7--Other Farm Equipment Sold in Canada,
1936 and 1937

(Number of Units and Value of Sales at Wholesale Prices)

Type	1 9 3 6		1 9 3 7			
	No. of Units	Value \$	No. of Units	Per Cent Increase	Value	
					Amount \$	Per Cent Increase
Other Farm Equipment, Total	-	4,337,594	-	-	5,263,548	21.3
Other Farm Equipment, Itemized, Total	73,087	3,171,769	84,871	16.1	3,861,384	21.7
I. Cream separators, total	25,886	1,542,903	27,771	7.3	1,722,180	11.6
A. 300 lbs. capacity and under	3,446	88,114	5,246	52.2	172,304	95.6
B. 301 lbs. capacity and over	22,440	1,454,789	22,525	0.4	1,549,876	6.5
II. Milking machines	136	30,465	274	101.5	62,139	103.8
III. Milk coolers	149	13,735	192	28.9	20,304	47.8
IV. Wagon boxes	1,336	46,423	1,328	- 4.2	48,130	3.7
V. Wagon gears	4,239	254,433	4,697	10.8	316,423	24.4
VI. Farm trucks	1,646	100,985	2,231	35.5	153,862	52.4
VII. Sleighs	2,262	115,976	2,664	17.8	137,330	18.4
VIII. Corn shellers	524	5,081	812	55.0	6,987	37.5
IX. Ensilage cutters	207	62,891	329	58.9	99,891	58.8
X. Fanning mills	1,555	72,035	1,770	13.8	82,743	14.9
XI. Knife grinders (emery) .	523	3,340	933	78.4	5,666	69.6
XII. Hammer mills	563	87,765	518	- 8.0	78,460	-10.6
XIII. Grain grinders, feed cutters, feed grinders, roughage mills	3,560	236,203	2,855	-19.8	197,144	-16.5
XIV. Potato diggers	474	63,797	727	53.4	95,227	49.3
XV. Potato sprayers	1,458	15,576	2,487	70.6	52,316	235.9
XVI. Wheelbarrows	3,551	22,100	4,218	18.8	24,466	10.7
XVII. Windmills	885	67,518	1,245	40.7	104,632	55.0
XVIII. Pumps	22,898	345,538	27,873	21.7	513,740	48.7
XIX. Other farm equipment, (itemized)	1,185	84,985	1,947	64.3	139,744	64.4
XX. All other equipment	-	1,165,825	-	-	1,402,164	20.3

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Published by Authority of the HON. W.D. EULER, M.P.,
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CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

Sales of Farm Implements and Equipment in Canada, 1938

Although the marked gain in farm implement sales which took place in Canada between 1936 and 1937 was not continued at the same rate last year, nevertheless sales for 1938 recorded a substantial improvement over 1937. Domestic sales at wholesale prices to dealers totalled \$36,336,056 for 1938, up 18 per cent from the \$30,775,198 reported for 1937, which, in turn, was almost 60 per cent above the \$19,343,871 recorded for 1936. These figures relate to the sale of new equipment and machinery only, are exclusive of parts, binder twine and farm trucks and are based on returns submitted from the manufacturers of farm implements in Canada, from Canadian branches or agents of American firms and from distributors of goods imported from other countries. Sales of farm implements and equipment made by mail-order houses in Canada are also included.

Although figures on a provincial or regional basis are not available, there is evidence to show that the gain in aggregate sales volume was due in no small degree to increased demand for harvesting and power machinery, especially in Saskatchewan. Sales for the harvesting machinery group as a whole reached \$7,103,345 in 1938, up 83 per cent from the \$3,883,524 recorded for 1937. The gain in combine sales was outstanding, 3,344 of these implements selling for \$1,591,228 in 1938 compared with 306 units sold for \$358,636 in the preceding year. The gain in swather sales paralleled that for combines with 410 units selling in 1938 compared with 10 units in 1937. Grain binder sales at 13,212 for \$3,621,406 in 1938 exceeded by 27 per cent in number and 43 per cent in value the 10,369 units which sold for \$2,534,602 in the preceding year. Horse-drawn binder sales increased 19 per cent in number and 30 per cent in dollar volume whereas tractor-drawn binders (a type more peculiar to the Prairie Provinces) increased 136 per cent in number and 161 per cent in dollar value. There were 615 corn binders sold last year, down 23 per cent from 1937 while thresher sales gained by 79 per cent from 704 in 1937 to 1,260 in 1938.

The tractors and engines group made the second best showing from a point of view of percentage increase over 1937. Tractor sales of 13,230 for \$15,310,916 in 1938 were up by 25 per cent in number and 22 per cent in value over the 10,578 which sold for \$12,523,289 in 1937. Wheel type and crawler type showed different trends, the number of the former sold gaining 28 per cent while there was a reduction of 6 per cent in the sales of crawler tractors. Sales of stationary engines numbered 3,311 in 1938, down 10 per cent from the 3,672 units sold in 1937.

Slight increases over 1937 were general in the haying machinery group. There were 9,014 mowers sold last year compared with 8,862 in 1937. Dump-rake sales at 5,135 were only slightly changed from the 5,076 which were sold in the earlier period. Hayloaders and side rakes and tedders recorded more substantial gains; in both instances the number of units sold was 13 per cent higher in 1938 than in the preceding year. Sales for the haying machinery group as a whole were up 3 per cent in number of units and 1 per cent in value.

In the planting and seeding division there were 5,731 grain drills sold for \$1,307,804 last year, down 2 per cent in number but up 5 per cent in value from 1937. Separate figures for press drills and regular type drills reveal an increase of 51 per cent for the former and a decrease of 4 per cent for the latter. Sales of corn planters and drills numbered 1,658, down 17 per cent from 1937. Manure spreader sales numbered 2,703, down by 24 per cent from the earlier period.

Decreases from 1937 were general for almost all types of plows. Including all types, there were 23,447 plows sold for \$2,595,639 in 1938, down 16 per cent in number and 13 per cent in value from the 27,894 units which sold for \$2,990,309 in the preceding year. Included in the total number for 1938 were 16,741 mouldboard plows, 1,333 disc plows, 4,293 harrow plows (one-way disc plows or tiller combines) 907 breaker plows and 173 of miscellaneous types.

Sales of cultivators of various types for 1938 numbered 15,430 and were valued at \$791,463, down 5 per cent in number and up 16 per cent in value from the preceding year. One-horse and field cultivators recorded gains in 1938 but these were offset by declines in two-row corn cultivators and miscellaneous types. Sales of rod weeders numbered 848, practically unchanged from the preceding year while decreases of from 8 to 10 per cent were general for the various types of harrows sold.

Cream separator sales registered a minor increase of one per cent for the year under review. There were 27,427 cream separators sold for \$1,791,417 in Canada last year compared with 27,172 separators which sold for \$1,722,181 in 1937. Small separators having a capacity of less than 300 pounds registered a decrease of 14 per cent in number of units sold but this was more than offset by an increase of 5 per cent in sales for the larger types.

Data were also secured covering domestic sales of a miscellaneous group of farm equipment and supplies. In the main, these cover only those made by manufacturers and distributors of the heavier types of farm machinery and equipment. In some instances these items are sold by manufacturers belonging to other industries and not coming within the scope of this survey. For this reason the figures shown in this bulletin for some items in the miscellaneous group do not cover the total domestic sales of these commodities.

While both unit and value figures are shown, the reader is cautioned against using these data for obtaining changes in average prices for the various items over the two-year period. Any such apparent changes from averages thus derived may be due to shifts in demand from one price range to another rather than to any change in the price of identical items in the two years.

Table 1--Summary of Farm Implement and Equipment Sales in Canada,
1937 and 1938.

(Number of Units and Value of Sales at Wholesale Prices, by Main Types)

Type	1 9 3 7		1 9 3 8			
	No. of Units	Value \$	No. of Units	Per Cent Change	Value	
					Amount \$	Per Cent Change
All Types, Total		30,775,193		-	36,336,056	+ 18.1
All Types Itemized, Total.	219,263	29,333,881	205,697	- 6.2	34,988,063	+ 19.3
Planting and seeding machinery	12,215	2,209,165	11,090	- 9.2	2,138,267	- 3.2
Village machinery	79,845	4,744,093	71,259	- 10.8	4,449,286	- 6.2
Laying machinery	15,793	1,293,610	16,196	+ 2.6	1,433,771	+ 10.8
Harvesting machinery	12,483	3,883,524	17,545	+ 40.6	7,103,345	+ 82.9
Tractors and engines	14,498	13,309,394	16,820	+ 16.0	15,973,058	+ 19.8
All other types, itemized	84,429	3,874,095	72,787	- 13.8	3,890,336	+ 0.4
All other types, not itemized.	-	1,441,317	-	-	1,347,993	- 6.5

Table 2--Planting and Seeding Machinery Sold in Canada, by Types,
1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

Type	1 9 3 7		1 9 3 8			
	No. of Units	Value \$	No. of Units	Per Cent Change	Value	
					Amount \$	Per Cent Change
Planting and Seeding Machinery, Total	12,215	2,209,165	11,090	- 9.2	2,138,267	- 3.2
I. Corn planters and drills, Total	1,990	353,791	1,658	- 16.7	311,417	- 12.0
(Includes one-horse, two- row and four-row or tractor type)						
I. Grain drills, Total	5,831	1,245,111	5,731	- 1.7	1,307,804	+ 5.0
A. Press drills	242	61,626	365	+ 50.8	94,941	+ 54.1
B. Regular type	5,589	1,183,485	5,366	- 4.0	1,212,863	+ 2.5
I. Potato planters	301	33,927	185	- 38.5	23,004	- 32.2
V. Manure spreaders	3,562	523,857	2,703	- 24.1	410,633	- 21.6
(Horse- or tractor-drawn)						
V. Fertilizer sowers	351	37,267	641	+ 82.6	70,390	+ 88.9
V. Other planting and seed- ing machinery	180	15,212	172	- 4.4	15,019	- 1.3
(Includes turnip sowers, lime spreaders and sowers, and hand drills.)						

Note:--In a number of instances, figures for 1937 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 3--Tillage Machinery Sold in Canada, by Types,
1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

Type	1 9 3 7		1 9 3 8			
	No. of Units	Value \$	No. of Units	Per Cent Change	Value	
					Amount \$	Per Cent Change
.. Tillage Machinery, Total ...	79,845	4,744,093	71,259	- 10.8	4,449,286	- 6.2
I. Cultivators, Total	16,217	684,758	15,430	- 4.9	791,463	+ 15.6
A. One horse (Including scufflers)	9,086	102,886	9,485	+ 4.4	110,942	+ 7.8
B. Corn cultivators, two-row	1,373	94,298	1,159	- 15.6	91,611	- 2.8
C. Field cultivators (Including duplex)	3,886	458,283	4,030	+ 3.7	555,478	+ 21.2
D. All other types	1,872	29,291	756	- 59.6	33,432	+ 14.1
II. Rod weeders, horse- or tractor-drawn	844	80,322	848	+ 0.5	90,212	+ 12.3
III. Stalk cutters	266	15,230	351	+ 32.0	19,689	+ 29.3
IV. Harrows, Total	32,739	882,081	29,844	- 8.8	880,259	- 0.2
A. Spike tooth harrow sections (drag)	18,597	119,781	17,072	- 8.2	109,640	- 8.5
B. Spring tooth	5,514	165,319	4,992	- 9.5	146,822	- 11.2
(Horse- or tractor drawn.)						
C. Disc harrows (all types)	8,628	596,981	7,780	- 9.8	623,797	+ 4.5
V. Harrow carts	660	9,162	468	- 29.1	6,964	- 24.0
VI. Soil pulverizers	285	24,209	205	- 28.1	17,721	- 26.8
VII. Rollers and packers	940	58,022	666	- 29.1	47,339	- 18.4
III. Plows, Grand Total	27,894	2,990,309	23,447	- 15.9	2,595,639	- 13.2
A. Mouldboard plows, Total (1) and (2)	19,693	1,050,376	16,741	- 15.0	1,045,456	- 0.5
(1) Horse-drawn, Total .	15,712	504,927	12,369	- 21.3	410,170	- 18.8
A. Walking, single furrow	11,873	207,105	9,606	- 19.1	179,721	- 13.2
B. Walking, two- furrow and larger	1,534	74,338	1,173	- 23.5	61,734	- 17.0
C. Sulky, single furrow	676	39,533	541	- 20.0	33,491	- 15.3
D. Riding gang, double-furrow and larger	1,629	183,951	1,049	- 35.6	135,224	- 26.5
(2) Tractor-drawn, Total (Single-furrow and larger)	3,981	545,449	4,372	+ 9.8	635,286	+ 16.5
B. Disc plows, Total (1) and (2)	1,888	321,423	1,333	- 29.4	223,840	- 30.4
(1) Horse-drawn, Total .	856	89,965	730	- 14.7	78,960	- 12.2
(2) Tractor-drawn, Total	1,032	231,458	603	- 41.6	144,880	- 37.4
C. Harrow plows, one-way disc plows or tiller combines	5,732	1,560,971	4,293	- 25.1	1,202,846	- 22.9
D. Breaker plows	458	53,444	907	+ 98.1	117,568	+120.0
E. All other types, Total (Includes two-way)	123	4,095	173	+ 40.7	5,929	+ 44.8

ote:--In a number of instances, figures for 1937 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 4.--Haying Machinery Sold in Canada, by Types,
1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

Type	1937		1938			
	No. of Units	Value \$	No. of Units	Per Cent Change	Value	
					Amount \$	Per Cent Change
Haying Machinery, Total ..	15,793	1,293,610	16,196	+ 2.6	1,433,771	+ 10.8
I. Mowers (Horse- or tractor-drawn)	8,862	845,895	9,014	+ 1.7	914,494	+ 8.1
II. Hayloaders	1,108	123,294	1,247	+ 12.5	146,534	+ 18.8
III. Side rakes and tedders ..	544	54,034	615	+ 13.1	68,890	+ 27.5
IV. Dump rakes	5,076	233,628	5,135	+ 1.2	256,732	+ 9.9
V. Hay presses	43	23,747	61	+ 41.9	36,883	+ 55.3
VI. Other haying machinery .. (Includes hay tedders and sweep rakes.)	160	13,012	124	- 22.5	10,238	- 21.3

Table 5.--Harvesting Machinery Sold in Canada, by Types,
1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Harvesting Machinery, Total	12,483	3,883,524	17,545	+ 40.6	7,103,345	+ 82.9
I. Grain binders, total	10,369	2,534,602	13,212	+ 27.4	3,621,406	+ 42.9
A. Horse-drawn	9,605	2,276,000	11,407	+ 18.8	2,946,983	+ 29.5
B. Tractor-drawn P.T.O.	764	258,602	1,805	+136.3	674,423	+160.8
II. Corn binders, total	802	166,629	615	- 23.3	139,131	- 16.5
(Horse- or tractor drawn)						
III. Combines (reaper threshers)	306	358,636	1,344	+339.2	1,591,228	+343.7
IV. Swathers	90	30,186	410	+355.6	151,911	+403.2
V. Threshers (stationary) ..	704	766,239	1,260	+ 79.0	1,499,494	+ 95.7
VI. Other harvesting machinery (Includes push har- vesters and headers, reapers and pick-ups.)	212	27,232	704	+232.1	100,175	+267.9

Table 6.--Tractors and Power Engines Sold in Canada,
1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Tractors & Engines, Total ..	14,498	13,329,394	16,820	+ 16.0	15,973,058	+ 19.8
I. Tractors, total	10,578	12,523,289	13,230	+ 25.1	15,310,916	+ 22.3
A. Wheel type	9,573	9,966,100	12,287	+ 28.4	13,181,495	+ 32.3
B. Crawler type	1,005	2,557,189	943	- 6.2	2,129,421	- 16.7
II. Power units	248	263,440	279	+ 12.5	282,450	+ 7.2
III. Engines (stationary)	3,672	542,665	3,311	- 9.8	379,692	- 30.0

NOTE:---In a number of instances, figures for 1937 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 7.--Other Farm Equipment Sold in Canada, by Types,
1937 and 1938.

(Number of Units and Value of Sales at Wholesale Prices)

Type	1 9 3 7		1 9 3 8			
	No. of Units	Value \$	No. of Units	Per Cent Change	Value	
					Amount \$	Per Cent Change
Other Farm Equipment, Total	-	5,315,412	-	-	5,238,329	- 1.5
Other Farm Equipment, Itemized, Total	84,429	3,874,095	72,787	- 13.8	3,890,336	+ 0.4
I. Cream separators, Total .	27,172	1,722,181	27,427	+ 0.9	1,791,417	+ 4.0
A. 300 lbs. capacity and under	5,383	173,215	4,631	- 14.0	156,453	- 9.7
B. 301 lbs. capacity and over	21,789	1,548,966	22,796	+ 4.6	1,634,964	+ 5.6
II. Milking machines	274	62,139	484	+ 76.6	100,509	+ 61.7
III. Milk coolers	192	20,304	200	+ 4.2	27,525	+ 35.6
IV. Wagon boxes	1,328	48,130	1,016	- 23.5	37,068	- 23.0
V. Wagon gears	4,697	316,423	3,057	- 34.9	212,057	- 33.0
VI. Farm trucks	2,231	153,862	2,199	- 1.4	148,524	- 3.5
VII. Sleighs	2,664	137,330	2,265	- 15.0	133,839	- 2.5
VIII. Corn shellers	812	6,987	769	- 5.3	4,577	- 34.5
IX. Ensilage cutters	329	99,891	365	+ 10.9	112,478	+ 12.6
X. Fanning mills	1,770	82,743	1,541	- 12.9	72,335	- 12.6
XI. Knife grinders (emery) ..	933	5,666	969	+ 3.9	6,316	+ 11.5
XII. Hammer mills	518	78,460	492	- 5.0	78,005	- 0.6
XIII. Grain grinders, feed cutters, feed grinders, roughage mills	2,855	197,145	2,781	- 2.6	187,141	- 5.1
IV. Potato diggers	743	96,825	294	- 60.4	35,423	- 63.4
XV. Potato sprayers	2,616	61,909	2,018	- 22.9	45,500	- 26.5
VI. Wheelbarrows	4,218	24,466	4,604	+ 9.2	23,670	- 3.3
VII. Windmills	1,245	104,632	974	- 21.8	72,180	- 31.0
VIII. Pumps	27,873	513,740	19,989	- 28.3	625,837	+ 21.8
IX. Other farm equipment, (Itemized)	1,959	141,262	1,343	- 31.4	175,935	+ 24.5
XX. All other equipment	-	1,441,317	-	-	1,347,993	- 6.5

NOTE:-- In a number of instances, figures for 1937 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

CANADA
DOMINION BUREAU OF STATISTICS
CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

SALES OF
FARM IMPLEMENTS AND EQUIPMENT
IN
CANADA

1938 and 1939

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CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

Sales of Farm Implements and Equipment in Canada, 1939

Although the upward trend which characterized the farm implement trade in Canada during recent years was not continued in 1939, nevertheless sales for the year were maintained within narrow limits of the 1938 volume and were still substantially higher than the level of 1937. Domestic sales at wholesale prices to dealers totalled \$33,927,654 for 1939, down 6.3 per cent from the \$36,213,382 reported for 1938 but 10.2 per cent above the \$30,775,198 recorded for 1937. These figures relate to the sale of new equipment and machinery only and they are exclusive of parts, binder twine and motor trucks. They are based on returns submitted by the manufacturers of farm implements in Canada, by Canadian ranches or agents of United States firms and by distributors of goods imported from other countries. Sales of farm implements and equipment made by mail-order houses in Canada are also included.

The trend in sales between 1938 and 1939 was not uniform for all sections of the country. Summary dollar sales on a regional basis secured for 1938 and 1939 indicate increases in the Maritime Provinces and Saskatchewan and declines in all other provinces. Sales in the Maritime Provinces at \$1,083,168 for 1939 were 16 per cent above the 1938 figure of \$934,115. Saskatchewan sales gained 9 per cent from \$7,812,638 in 1938 to \$8,508,410 in 1939. Minor decreases of 1 and 2 per cent below 1938 were reported for Alberta and Quebec respectively. Ontario sales were down by 5 per cent; British Columbia, 1 per cent and Manitoba, 34 per cent.

Results on a regional basis indicate the relative importance of the various provinces as markets for farm implements and equipment. The following table shows the dollar sales by provinces for 1938 and 1939, the percentage change between the two years and the proportion which sales in each province formed of the Dominion totals:

Table 1.--Provincial Distribution of Farm Implement and
Equipment Sales, 1938 and 1939

Province	1938		1939		
	Amount	% of Canada Total	Amount	% of Canada Total	% Change
CANADA	36,213,382	100.0	33,927,654	100.0	- 6.3
Maritimes	934,115	2.6	1,083,168	3.2	+ 16.0
Quebec	2,631,845	7.3	2,587,058	7.6	- 1.7
Ontario	7,786,267	21.5	7,423,604	21.9	- 4.7
Manitoba	7,465,625	20.6	4,905,443	14.4	- 34.3
Saskatchewan	7,812,638	21.6	8,508,410	25.1	+ 8.9
Alberta	9,143,567	25.2	9,020,222	26.6	- 1.3
British Columbia	439,325	1.2	399,749	1.2	- 9.0

The marked increase in combine sales which commenced in 1938 was continued in 1939 when 2,644 units sold for \$2,913,565, up 97 per cent in number and 83 per cent in value from the preceding year. Tractor sales were slightly higher at 13,410 in 1939 compared with 13,230 in 1938. Tractor-drawn plows registered increases of 6 per cent and 6 per cent for mouldboard and disc types respectively while most other kinds of heavier farm machinery registered declines for the year under review.

Dollar sales of planting and seeding machinery declined 27 per cent from 1938. There were 3,741 grain drills sold for \$615,698 in Canada last year, down 35 per cent in number and 36 per cent in value from the earlier period. Sales of press drills were only slightly lower at 357 in 1939 compared with 365 in 1938, whereas sales of the regular type declined by 37 per cent from 5,366 in 1938 to 3,384 in 1939. Sales of manure spreaders offered an exception to the general trend increasing by 13 per cent from 2,703 units sold in 1938 to 3,044 units sold in 1939.

Excepting only the tractor plows previously mentioned, all categories in the tillage machinery group registered declines from 1938, dollar sales for the group as a whole standing 5 per cent lower in 1939 than in the preceding year. Cultivator sales at 14,387 in 1939 were 8 per cent lower than the number sold in 1938. Separate figures for field cultivators only show 3,854 units sold for \$533,421 in 1939, down 5 per cent in number and 4 per cent in value from the 4,045 units which sold for \$556,583 in 1938.

There were 24,339 plows of all types sold in Canada last year, down by 4 per cent from the number sold in 1938. Decreases were general for all types of horse-drawn plows while increases were reported for the tractor types. Sales of mouldboard plows for 1939 totalled 18,167, of which number 13,395 were horse-drawn and 4,772 were tractor-drawn. Included in the total figures for 1939 were also 1,283 disc plows, 4,307 harrow plows, one-way disc plows or tiller combines, 453 breaker plows and 129 plows of miscellaneous types.

Decreases of approximately 20 per cent were general for most branches of the haying machinery group. Mower sales numbered 6,939 in 1939, down by 23 per cent from the number sold in the previous year. Hayloader sales declined 20 per cent from 1,247 in 1938 to 997 in 1939 while dump rakes declined by 15 per cent from 5,135 to 4,364 in the same comparison.

There were 7,839 grain binders sold for \$2,089,153 last year, down 41 per cent in number and 42 per cent in value from 1938, decreases for horse-drawn and tractor-drawn types being similar at 41 per cent and 42 per cent respectively. Corn binder sales at 564 were 8 per cent lower than in the preceding year. Sales of stationary threshers numbered 1,126 in 1939 compared with 1,257 in 1938. Combine sales increased by 7 per cent and swathers also increased slightly by 6 per cent.

The number of cream separators sold declined by 9 per cent in 1939, 25,013 units being sold in the year under review compared with 27,426 in 1938.

Data were also secured covering domestic sales of a miscellaneous group of farm equipment and supplies. In the main, these cover only those made by manufacturers and distributors of the heavier types of farm machinery and equipment. In some instances these items are sold by manufacturers belonging to other industries and not coming within the scope of this survey. For this reason the figures shown in this bulletin for some items in the miscellaneous group do not cover the total domestic sales of these commodities.

While both unit and value figures are shown, the reader is cautioned against using these data for obtaining changes in average prices for the various items over the two-year period. Any such apparent changes from averages thus derived may be due to shifts in demand from one price range to another rather than to any change in the price of identical items in the two years.

Table 2.--Summary of Farm Implement and Equipment Sales in Canada,
1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices, by Main Types)

Type	1938		1939			
	No. of Units	Value \$	No. of Units	Per Cent Change	Value	
					Amount \$	Per Cent Change
All Types, Total	-	36,213,382	-	-	33,927,654	- 6.3
All Types, Itemized Total	209,425	34,869,026	192,710	- 8.0	32,571,321	- 6.6
Planting and seeding machinery	9,733	1,855,360	7,675	- 21.1	1,358,115	- 26.8
Village machinery	74,338	4,561,001	66,173	- 11.0	4,343,041	- 4.8
Laying machinery	16,196	1,423,771	12,875	- 20.5	1,096,409	- 23.5
Harvesting machinery	17,542	7,092,638	13,776	- 21.5	6,729,353	- 5.2
Tractors and Engines	16,814	15,972,334	16,996	+ 1.1	15,308,383	- 4.2
All other types, itemized	74,802	3,947,114	75,215	+ 0.6	3,736,020	- 5.4
All other types, not itemized.	-	1,344,356	-	-	1,356,333	+ 0.9

Table 3.--Planting and Seeding Machinery Sold in Canada, by Types,
1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

Type	1938		1939			
	No. of Units	Value \$	No. of Units	Per Cent Change	Value	
					Amount \$	Per Cent Change
Planting and Seeding Machinery, Total	9,733	1,855,360	7,675	- 21.1	1,358,115	- 26.8
I. Corn planters and drills, Total	301	28,463	293	- 2.7	27,131	- 4.7
(Includes one-horse, two- row and four-row or tractor type)						
II. Grain drills, Total	5,731	1,307,804	3,741	- 34.7	815,698	- 37.6
A. Press drills	365	94,941	357	- 2.2	83,575	- 12.0
B. Regular type	5,366	1,212,863	3,384	- 36.9	732,123	- 39.6
III. Potato planters	185	23,004	172	- 7.0	21,990	- 4.4
IV. Manure spreaders	2,703	410,688	3,044	+ 12.6	450,315	+ 9.6
(Horse- or tractor-drawn)						
V. Fertilizer sowers	641	70,390	300	- 53.2	32,228	- 54.2
VI. Other planting and seed- ing machinery	172	15,019	125	- 27.3	10,753	- 28.4
(Includes turnip sowers, lime spreaders and sowers, and hand drills)						

Note: In a number of instances, figures for 1938 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 4.--Tillage Machinery Sold in Canada, by Types,
1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

Type	1938		1939			
	No. of Units	Value \$	No. of Units	Per Cent Change	Value	
					Amount \$	Per Cent Change
Tillage Machinery, Total ...	74,336	4,561,601	66,173	- 11.0	4,343,041	- 4.6
I. Cultivators, Total	15,608	794,475	14,387	- 7.8	765,663	- 3.6
A. One horse (Including scufflers)	9,648	112,849	8,650	- 10.3	100,462	- 11.0
B. Corn cultivators, two- row	1,159	91,611	1,177	+ 1.6	90,685	- 1.0
C. Field cultivators	4,045	556,583	3,854	- 4.7	533,421	- 4.2
(Including duplex)						
D. All other types	756	33,432	706	- 6.6	41,095	+ 22.9
II. Rod weeders, horse- or tractor-drawn	1,545	144,359	1,391	- 10.0	126,880	- 12.1
III. Stalk cutters	351	19,689	181	- 48.4	9,913	- 49.7
IV. Harrows, Total	29,959	801,285	24,871	- 17.0	815,877	- 7.4
A. Spike tooth harrow sections (drag)	17,256	110,666	12,825	- 25.7	89,135	- 19.5
B. Spring tooth	4,923	146,822	4,780	- 2.9	145,958	- 0.6
Horse- or tractor- drawn)						
C. Disc harrows (all types)	7,780	623,797	7,266	- 6.6	580,784	- 6.9
V. Harrow carts	468	6,964	281	- 40.0	4,034	- 42.1
VI. Soil pulverizers	205	17,721	229	+ 11.7	18,908	+ 6.7
VII. Rollers and packers	752	53,946	494	- 34.3	34,281	- 36.5
VIII. Plows, Grand Total	25,450	2,643,362	24,339	- 4.4	2,567,485	- 2.9
A. Mouldboard plows, Total (1) and (2)	18,744	1,093,179	18,167	- 3.1	1,054,321	- 3.6
(1) Horse-drawn, Total ..	14,248	443,793	13,395	- 6.0	385,621	- 13.1
A. Walking, single furrow	11,435	210,814	10,751	- 6.0	194,009	- 8.0
B. Walking, two- furrow and larger	1,193	62,734	1,413	+ 18.4	72,983	+ 16.3
C. Sulky, single furrow	571	35,021	529	- 7.4	31,308	- 10.6
D. Riding gang, double-furrow and larger	1,049	135,224	702	- 33.1	87,321	- 35.4
(2) Tractor-drawn, Total (Single-furrow and larger)	4,496	649,386	4,772	+ 6.1	668,700	+ 3.0
B. Disc plows, Total (1) and (2)	1,333	223,840	1,283	- 3.8	230,971	+ 3.2
(1) Horse-drawn, Total ..	730	78,960	583	- 20.1	55,862	- 29.3
(2) Tractor-drawn, Total	603	144,880	700	+ 16.1	175,109	+ 20.9
C. Harrow plows, one-way disc plows or tiller combines	4,293	1,202,846	4,307	+ 0.3	1,219,301	+ 1.4
D. Breaker plows	907	117,568	453	- 50.1	58,489	- 50.3
E. All other types, Total (Includes two-way)	173	5,929	129	- 25.4	4,403	- 25.7

Note:--In a number of instances, figures for 1938 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 5.--Haying Machinery Sold in Canada, by Types,
1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

Type	1938		1939			
	No. of Units	Value	No. of Units	Per Cent Change	Value	Per Cent Change
		\$			\$	
Haying Machinery, Total	16,196	1,433,771	12,875	- 20.5	1,096,409	- 23.5
I. Mowers	9,014	914,494	6,939	- 23.0	687,850	- 24.8
(Horse or tractor-drawn)						
II. Hayloaders	1,247	146,534	997	- 20.0	117,688	- 19.7
III. Side rakes and tedders	615	68,890	427	- 30.6	53,374	- 22.5
IV. Dump rakes	5,135	256,732	4,364	- 15.0	214,622	- 16.4
V. Hay presses	61	36,883	27	- 55.7	13,132	- 64.4
VI. Other haying machinery	124	10,238	121	- 2.4	9,743	- 4.8
(Includes hay tedders and sweep rakes)						

Table 6.--Harvesting Machinery Sold in Canada, by Types,
1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Harvesting Machinery, Total ..	17,542	7,098,638	13,776	- 21.5	6,729,353	- 5.2
I. Grain binders, total	13,212	3,621,406	7,839	- 40.7	2,089,153	- 42.3
A. Horse-drawn	11,407	2,946,983	6,790	- 40.5	1,708,884	- 42.0
B. Tractor-drawn P.T.O.	1,805	674,423	1,049	- 41.9	380,269	- 43.6
II. Corn binders, total	615	139,131	564	- 8.3	122,514	- 11.9
(Horse or tractor-drawn)						
III. Combines (reaper threshers) ..	1,344	1,591,228	2,644	+ 96.7	2,913,565	+ 83.1
IV. Swathers	410	151,911	433	+ 5.6	171,633	+ 13.0
V. Threshers (stationary)	1,257	1,494,787	1,126	- 10.4	1,306,091	- 12.6
VI. Other harvesting machinery ..	704	100,175	1,170	+ 66.2	126,397	+ 26.2
(Includes push harvesters and headers, reapers and pick-ups)						

Table 7.--Tractors and Power Engines Sold in Canada,
1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Tractors & Engines, Total ...	16,814	15,972,334	16,966	+ 1.1	15,308,383	- 4.2
I. Tractors, total	13,230	15,310,916	13,410	+ 1.4	14,661,494	- 4.2
A. Wheel type	12,287	13,181,495	12,298	+ 0.1	12,175,621	- 7.6
B. Crawler type	943	2,129,421	1,112	+ 17.9	2,485,873	+ 16.7
II. Power units	279	282,450	257	- 7.9	234,657	- 16.9
III. Engines (stationary)	3,305	378,968	3,299	- 0.2	412,232	+ 8.8

NOTE:--In a number of instances, figures for 1938 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 8.--Other Farm Equipment Sold in Canada, by Types,
1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

Type	1938		1939			
	No. of Units	Value \$	No. of Units	Per Cent Change	Value	
					Amount \$	Per Cent Change
Other Farm Equipment, Total	-	5,291,470	-	-	5,092,353	- 3.8
Other Farm Equipment, Itemized, Total	74,802	3,947,114	75,215	+ 0.6	3,736,020	- 5.4
I. Cream separators, Total ..	27,426	1,791,348	25,013	- 8.8	1,410,978	- 21.2
A. 300 lbs. capacity and under	4,631	156,453	4,574	- 1.2	116,723	- 25.4
B. 301 lbs. capacity and over	22,795	1,634,895	20,439	- 10.3	1,294,255	- 20.8
II. Milking machines	484	100,509	678	+ 40.1	135,552	+ 34.9
III. Milk coolers	200	27,525	260	+ 30.0	53,902	+ 95.8
IV. Wagon boxes	1,016	37,068	966	- 4.9	33,744	- 9.0
V. Wagon gears	3,057	212,057	2,665	- 12.8	178,022	- 16.0
VI. Farm trucks	2,199	148,524	2,134	- 3.0	147,239	- 0.9
VII. Sleighs	2,265	133,839	1,534	- 32.3	84,463	- 36.9
VIII. Corn shellers	769	4,577	486	- 36.8	4,080	- 10.9
IX. Ensilage cutters	396	117,748	471	+ 18.9	136,981	+ 16.3
X. Fanning mills	1,536	72,114	903	- 41.2	41,736	- 42.1
XI. Knife grinders (emery) ...	969	6,316	822	- 15.2	5,166	- 18.2
XII. Hammer mills	507	83,182	690	+ 36.1	96,182	+ 15.6
XIII. Grain grinders, feed cutters, feed grinders, roughage mills	3,659	223,889	6,330	+ 73.0	389,708	+ 74.1
XIV. Potato diggers	294	35,423	428	+ 45.6	53,546	+ 51.2
XV. Potato sprayers	2,018	45,500	1,956	- 3.1	54,610	+ 20.0
XVI. Wheelbarrows	5,346	28,122	4,807	- 10.1	25,332	- 9.9
XVII. Windmills	969	71,792	971	+ 0.2	68,922	- 4.0
XVIII. Pumps	19,908	629,163	22,285	+ 11.9	626,513	- 0.4
XIX. Other farm equipment, (Itemized)	1,784	178,418	1,816	+ 1.8	189,344	+ 6.1
XX. All other equipment	-	1,344,356	-	-	1,356,333	+ 0.9

NOTE:--In a number of instances, figures for 1938 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

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DEPT. OF POLITICAL SCIENCE
UNIVERSITY OF TORONTO

CANADA

DOMINION BUREAU OF STATISTICS

CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

SALES OF

FARM IMPLEMENTS AND EQUIPMENT

IN

CANADA

1940

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Minister of Trade and Commerce.

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1941

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CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

Sales of Farm Implements and Equipment in Canada, 1940

An increase of 40 per cent in dollar sales of farm implements and equipment in Canada in 1940 compared with 1939 is revealed in a report issued by the Dominion Bureau of Statistics and based upon figures submitted by Canadian manufacturers, by distributors of goods imported from other countries and by mail-order houses. Domestic sales, mainly at wholesale prices to dealers, totalled \$47,595,154 in 1940, an increase of more than \$13,500,000 or 39.7 per cent over the \$34,060,447 recorded for the preceding year. These figures relate to the sale of new equipment and machinery only and are exclusive of parts, binder twine or motor trucks. About 43 per cent of the total gain in dollar volume represents increased sales of tractors, 21,444 tractors selling for \$20,632,549 in 1940, up 60 per cent in number and 40 per cent in value from the 13,402 units which sold for \$14,769,357 in 1939.

While all regions of the country shared in the improvement, the increase in Saskatchewan was outstanding, dollar sales in that province reaching \$15,052,306 in 1940, up 80 per cent from 1939. This increase follows a marked gain in the cash income from the sale of farm products in Saskatchewan in 1939, calculated at \$154,200,000 for that year, and 71 per cent above the 1939 figure. Increases in farm implement sales in the other two Prairie Provinces were much lower, percentage gains over 1939 standing at 16 per cent for Manitoba and 14 per cent for Alberta. Increases of 34 per cent and 37 per cent were recorded in the Maritime Provinces and Quebec respectively while sales in Ontario gained 42 per cent. Although the volume of business transacted in British Columbia is not large compared with other sections of the country, a marked increase was recorded in this province, sales of \$712,643 in 1940 exceeding by 78 per cent the amount of business transacted in 1939. The following table shows the dollar sales by provinces for 1939 and 1940, the percentage change in sales between the two years and the proportion which sales in each province formed of the Dominion totals.

Table 1.--Provincial Distribution of Farm Implement and Equipment Sales,
1939 and 1940

Province	1939		1940		
	Amount	% of Canada Total	Amount	% of Canada Total	% Change
CANADA	34,060,447	100.0	47,595,154	100.0	+ 39.7
Maritimes	1,083,168	3.2	1,451,111	3.0	+ 34.0
Quebec	2,587,063	7.6	3,551,475	7.5	+ 37.3
Ontario	7,619,798	22.4	10,795,578	22.7	+ 41.7
Manitoba	4,773,413	14.0	5,531,261	11.6	+ 15.9
Saskatchewan	8,379,797	24.6	15,052,306	31.6	+ 79.6
Alberta	9,217,459	27.0	10,500,780	22.1	+ 13.9
British Columbia ...	399,749	1.2	712,643	1.5	+ 78.3

NOTE:--In a number of instances, figures for 1939 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Dollar sales of planting and seeding machinery increased by 67 per cent from \$1,357,739 in 1939 to \$2,270,583 in 1940. There were 6,450 grain drills sold for \$1,520,287 in 1940, up 73 per cent in number and 87 per cent in value from the preceding year. Included in these totals are 717 press drills and 5,733 regular type drills, the percentage increase over 1939 for the former type standing at 101 per cent and that for the latter type at 70 per cent.

Sales of the tillage machinery group increased 46 per cent in dollar value in the year under review, gains over 1939 being recorded for all types excepting rod weeders, stalk cutters and horse drawn plows which averaged lower. There were 32,204 plows of all types sold for \$4,079,078 in Canada last year, up 34 per cent in number and 60 per cent in value over the 24,108 plows which sold for \$2,556,477 in 1939. Of horse-drawn mouldboard plows there were 12,804 sold for \$385,028 in 1940, down 3 per cent in number but up 1 per cent in value from the preceding year. Tractor-drawn mouldboard plows increased 124 per cent in number from 1939, 10,537 such plows being sold for \$1,335,460 in the year under review. There were 1,833 disc plows sold in 1940, of which 564 were horse-drawn and 1,269 were tractor-drawn, the former type declining by 3 per cent from 1939 while the latter type was up by 72 per cent. Sales of one-way disc plows or tiller combines increased 49 per cent in number over 1939, 6,336 units of this type selling for \$1,895,601 in 1940.

Increases over 1939 were general for all branches of the haying machinery group, dollar sales for the group as a whole increasing by 37 per cent from \$1,096,735 in 1939 to \$1,497,779 in 1940. Hay mowers and dump rakes form the two most important classes in this grouping. There were 9,005 mowers sold for \$919,296 in 1940, up 30 per cent in number and 34 per cent in value over the preceding year. Dump rake sales in 1940 numbered 5172 and were valued at \$264,568, up 19 per cent and 23 per cent in point of view of number and value respectively over 1939.

Continuation of the marked increase in combine sales noted in earlier years and a resultant decline in grain binder and stationary thresher sales forms the most outstanding feature in the harvesting machinery group. There were 5,069 combines sold in Canada last year for \$6,096,622, up 91 per cent in number and 108 per cent in value over the 2,648 units which sold for \$2,932,312 in 1939. On the other hand, the number of grain binders sold declined by 4 per cent, 7,552 binders selling for \$2,148,134 last year. Opposite trends are noted for horse-drawn and tractor-drawn binders. There were 6,459 units of the former type sold in 1940, down 5 per cent from 1939, while an increase of 4 per cent in the latter type brought the number of tractor-drawn binder sales to 1,093. Sales of stationary threshers numbered 920 in 1940 and were valued at \$1,157,431, down 16 per cent in number and 12 per cent in value from the preceding year.

The decline in cream separator sales which took place between 1938 and 1939 was continued last year. There were 24,317 cream separators sold for \$1,372,311 in 1940, down 3 per cent in both number and value from the preceding year.

Data were also secured covering domestic sales of a miscellaneous group of farm equipment and supplies. In the main, these cover only those made by manufacturers and distributors of the heavier types of farm machinery and equipment. In some instances these items are sold by manufacturers belonging to other industries and not coming within the scope of this survey. For this reason the figures shown in this bulletin for some items in the miscellaneous group do not cover the total domestic sales of these commodities.

While both unit and value figures are shown, the reader is cautioned against using these data for obtaining changes in average prices for the various items over the two-year period. Any such apparent changes from averages thus derived may be due to shifts in demand from one price range to another rather than to any change in the price of identical items in the two years.

Table 2.--Summary of Farm Implement and Equipment Sales in Canada,
1939 and 1940

(Number of Units and Value of Sales at Wholesale Prices, by Main Types)

Type	1939		1940			
	No. of Units	Value \$	No. of Units	Per cent Change	Value	
					Amount \$	Per cent Change
All Types, Total	-	34,060,447	-	-	47,595,154	+ 39.7
All Types, Itemized Total	191,497	32,719,849	238,595	+ 24.6	45,306,431	+ 38.5
Planting and seeding machinery	7,673	1,357,739	11,753	+ 53.2	2,270,583	+ 67.2
Tillage machinery	65,161	4,346,495	82,739	+ 27.0	6,356,932	+ 46.3
Haying machinery	12,878	1,096,735	16,682	+ 29.5	1,497,779	+ 36.6
Harvesting machinery	13,830	6,776,385	15,916	+ 15.1	9,906,064	+ 46.2
Tractors and engines	16,956	15,412,028	25,664	+ 51.4	21,299,531	+ 38.2
All other types, itemized	74,999	3,730,467	85,841	+ 14.5	3,975,542	+ 6.6
All other types, not itemized	-	1,340,598	-	-	2,288,723	+ 70.7

Table 3.--Planting and Seeding Machinery Sold in Canada, by Types,
1939 and 1940

(Number of Units and Value of Sales at Wholesale Prices)

Type	1939		1940			
	No. of Units	Value \$	No. of Units	Per cent Change	Value	
					Amount \$	Per cent Change
Planting and Seeding Machinery, Total	7,673	1,357,739	11,753	+ 53.2	2,270,583	+ 67.2
I. Corn planters and drills, total	293	27,131	461	+ 57.3	44,369	+ 63.5
(Includes one-horse, two-row and four-row or tractor type)						
II. Grain drills, total	3,737	814,947	6,450	+ 72.6	1,520,287	+ 86.6
A. Press drills	357	83,575	717	+100.8	223,218	+167.1
B. Regular type	3,380	731,372	5,733	+ 69.6	1,297,069	+ 77.3
III. Potato planters	172	21,990	438	+154.7	55,842	+153.9
IV. Manure spreaders	3,046	450,690	3,914	+ 28.5	595,554	+ 32.1
(Horse- or tractor-drawn)						
V. Fertilizer sowers	300	32,228	151	- 49.7	16,455	- 48.9
VI. Other planting and seeding machinery	125	10,753	339	+171.2	38,076	+254.1
(Includes turnip sowers, lime spreaders and sowers, and hand drills)						

OTE:--In a number of instances, figures for 1939 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Table 4.--Tillage Machinery Sold in Canada, by Types,
1939 and 1940

(Number of Units and Value of Sales at Wholesale Prices)

Type	1939		1940			
	No. of Units	Value \$	No. of Units	Per cent change	Value	
					Amount \$	Per cent change
Tillage Machinery, Total ...	65,161	4,346,495	82,739	+ 27.0	6,356,932	+ 46.3
I. Cultivators, total	13,986	777,711	17,341	+ 24.0	1,041,024	+ 33.9
A. One horse (including scufflers)	8,151	97,355	9,115	+ 11.8	113,770	+ 16.9
B. Corn cultivators, two-row	1,177	90,685	1,738	+ 47.7	143,067	+ 57.8
C. Field cultivators (including duplex)	3,952	548,576	4,934	+ 24.8	695,284	+ 26.7
D. All other types	706	41,095	1,554	+120.1	88,903	+116.3
II. Rod weeders, horse-or tractor-drawn	1,391	126,914	1,221	- 12.2	112,264	- 11.5
III. Stalk cutters	181	9,913	62	- 65.7	2,816	- 71.6
IV. Harrows, total	24,523	818,526	30,342	+ 23.7	1,039,317	+ 27.0
A. Spike tooth harrow sections (drag)	12,470	90,585	16,530	+ 32.6	121,005	+ 33.6
B. Spike tooth (horse- or tractor-drawn)	4,780	145,958	5,217	+ 9.1	164,967	+ 13.0
C. Disc harrows (all types).	7,273	581,983	8,595	+ 18.2	753,345	+ 29.4
V. Harrow carts	249	3,765	350	+ 40.6	5,050	+ 34.1
VI. Soil pulverizers	229	18,908	314	+ 37.1	24,406	+ 29.1
VII. Rollers and packers	494	34,281	905	+ 83.2	52,977	+ 54.5
VIII. Plows, grand total	24,108	2,556,477	32,204	+ 33.6	4,079,078	+ 59.6
A. Mouldboard plows, total (1) and (2)	17,965	1,034,315	23,341	+ 29.9	1,720,488	+ 66.3
(1) Horse-drawn, total ..	13,250	380,770	12,804	- 3.4	385,028	+ 1.1
a. Walking, single furrow	10,663	192,670	10,396	- 2.5	197,923	+ 2.7
b. Walking, two- furrow and larger.	1,413	72,983	1,286	- 9.0	71,873	- 1.5
c. Sulky, single furrow	472	27,796	364	- 22.9	22,431	- 19.3
d. Riding gang, double-furrow and larger	702	87,321	758	+ 8.0	92,801	+ 6.3
(2) Tractor-drawn, total (single-furrow and larger)	4,715	653,545	10,537	+123.5	1,335,460	+104.3
B. Disc plows, total (1) and (2)	1,319	243,263	1,833	+ 39.0	384,600	+ 58.1
(1) Horse-drawn, total ..	583	55,862	564	- 3.3	52,294	- 6.4
(2) Tractor-drawn, total.	736	187,401	1,269	+ 72.4	332,306	+ 77.3
C. Harrow plows, one-way disc plows or tiller combines.	4,242	1,216,007	6,336	+ 49.4	1,895,601	+ 55.9
D. Breaker plows	453	58,489	485	+ 7.1	67,574	+ 15.5
E. All other types, total (includes two-way)	129	4,403	209	+ 62.0	10,815	+145.6

NOTE:--In a number of instances, figures for 1939 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Table 5.--Haying Machinery Sold in Canada, by Types,
1939 and 1940

(Number of Units and Value of Sales at Wholesale Prices)

Type	1939		1940			
	No. of Units	Value \$	No. of Units	Per cent Change	Value	
					Amount \$	Per cent Change
Haying Machinery, Total	12,878	1,096,735	16,682	+ 29.5	1,497,779	+ 36.6
I. Mowers (horse or tractor- drawn)	6,941	688,120	9,005	+ 29.7	919,296	+ 33.6
II. Hayloaders	997	117,688	1,551	+ 55.6	190,142	+ 61.6
II. Side rakes and tedders	427	53,374	748	+ 75.2	92,996	+ 74.2
IV. Dump rakes	4,365	214,678	5,172	+ 18.5	264,568	+ 23.2
V. Hay presses	27	13,132	28	+ 3.7	15,514	+ 18.1
VI. Other haying machinery (includes hay tedders and sweep rakes)	121	9,743	178	+ 47.1	15,263	+ 56.7

Table 6.--Harvesting Machinery Sold in Canada, by Types,
1939 and 1940

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Harvesting Machinery, Total ..	13,830	6,776,385	15,916	+ 15.1	9,906,064	+ 46.2
I. Grain binders, total	7,839	2,089,153	7,552	- 3.7	2,148,134	+ 2.8
A. Horse-drawn	6,790	1,708,884	6,459	- 4.9	1,740,526	+ 1.9
B. Tractor-drawn P.T.O.	1,049	380,269	1,093	+ 4.2	407,608	+ 7.2
II. Corn binders, total (horse or tractor-drawn)	564	122,514	394	- 30.1	89,500	- 26.9
II. Combines (reaper threshers) ..	2,648	2,932,312	5,069	+ 91.4	6,096,622	+107.9
IV. Swathers	513	197,116	618	+ 20.5	257,693	+ 30.7
V. Threshers (stationary)	1,096	1,308,893	920	- 16.1	1,157,431	- 11.6
VI. Other harvesting machinery (includes push harvesters and headers, reapers and pick-ups)	1,170	126,397	1,363	+ 16.5	156,684	+ 24.0

Table 7.--Tractors and Power Engines Sold in Canada,
1939 and 1940

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Tractors and Engines, Total ..	16,956	15,412,028	25,664	+ 51.4	21,299,531	+ 38.2
I. Tractors, total	13,402	14,769,357	21,444	+ 60.0	20,632,549	+ 39.7
A. Wheel type	12,290	12,283,484	20,762	+ 68.9	18,900,978	+ 53.9
B. Crawler type	1,112	2,485,873	682	- 38.7	1,731,571	- 30.3
II. Power units	256	231,590	281	+ 9.8	266,099	+ 14.9
III. Engines (stationary)	3,298	411,081	3,939	+ 19.4	400,883	- 2.5

NOTE:--In a number of instances, figures for 1939 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Table 8.--Other Farm Equipment Sold in Canada, by Types,
1939 and 1940

(Number of Units and Value of Sales at Wholesale Prices)

Type	1939		1940			
	No. of Units	Value \$	No. of Units	Per cent Change	Value	
					Amount \$	Per cent Change
Other Farm Equipment, Total	-	5,071,065	-	-	6,264,265	+ 23.5
Other Farm Equipment, Itemized, Total	74,999	3,730,467	85,841	+ 14.5	3,975,542	+ 6.6
I. Cream separators, total ...	25,013	1,410,978	24,317	- 2.8	1,372,311	- 2.7
A. 300 lbs. capacity and under	4,574	116,723	4,031	- 11.9	119,926	+ 2.7
B. 301 lbs. capacity and over	20,439	1,294,255	20,286	- 0.7	1,252,385	- 3.2
II. Milking machines	678	135,552	1,190	+ 75.5	245,247	+ 80.9
III. Milk coolers	260	53,902	288	+ 10.8	63,615	+ 18.0
IV. Wagon boxes	966	33,744	659	- 31.8	24,036	- 28.8
V. Wagon gears	2,763	178,049	2,800	+ 1.3	187,033	+ 5.0
VI. Farm trucks	1,973	139,553	2,170	+ 10.0	161,803	+ 15.9
VII. Sleighs	1,569	87,198	1,896	+ 20.8	115,398	+ 32.3
VIII. Corn shellers	487	4,957	353	- 27.5	7,731	+ 56.0
IX. Ensilage cutters	472	137,281	328	- 30.5	94,462	- 31.2
X. Fanning mills	903	41,736	1,268	+ 40.4	77,329	+ 85.3
XI. Knife grinders (emery)	822	5,166	794	- 3.4	5,898	+ 14.2
XII. Hammer mills	693	96,812	1,121	+ 61.8	134,373	+ 38.8
XIII. Grain grinders, feed cutters, feed grinders, roughage mills	6,330	389,708	7,347	+ 16.1	451,250	+ 15.8
XIV. Potato diggers	428	53,546	667	+ 55.8	93,348	+ 74.3
XV. Potato sprayers	1,956	54,610	1,973	+ 0.9	43,817	- 19.8
XVI. Wheelbarrows	4,617	24,188	4,264	- 7.6	22,523	- 6.9
XVII. Windmills	971	68,922	908	- 6.5	65,305	- 5.2
XVIII. Pumps	22,285	626,513	31,578	+ 41.7	632,943	+ 1.0
XIX. Other farm equipment, (itemized)	1,813	188,052	1,920	+ 5.9	177,120	- 5.8
XX. All other equipment	-	1,340,598	-	-	2,288,723	+ 70.7

NOTE:--In a number of instances, figures for 1939 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
INTERNAL TRADE BRANCH
OTTAWA, CANADA

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CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

Sales of Farm Implements and Equipment in Canada, 1941

Marked increases in farm implement sales in Quebec, Ontario and British Columbia in 1941 over 1940 were modified by a slight drop in Alberta and a more substantial reduction in Saskatchewan with the result that the total volume of farm implement business in Canada varied but little between the two years. Domestic sales, mainly at wholesale prices to dealers, totalled \$50,147,586 for 1941, up 5 per cent over the \$47,747,865 recorded for 1940 and 47 per cent above \$34,060,447 reported for 1939. These figures relate to the sale of new equipment and machinery only and are exclusive of the sale of parts, binder twine or motor trucks. The figures are based on reports received from Canadian manufacturers and by mail-order houses and other distributors of imported machinery.

The trend in sales between 1940 and 1941 varied widely for different parts of the country. Following a marked increase of 80 per cent between 1939 and 1940, sales in Saskatchewan fell off by 16 per cent from \$15,136,891 in 1940 to \$12,647,715 in 1941. Alberta sales declined by 4 per cent from \$10,549,851 in 1940 to \$10,125,688 in 1941, while all other provinces recorded increases. Quebec came first in point of per cent of percentage gain in dollar business with sales of \$5,038,626 in 1941, exceeding by 42 per cent the \$3,551,623 recorded for the preceding year. The gain in British Columbia was only slightly less at 40 per cent although in this instance the actual volume of business is relatively small amounting to \$1,009,391 in 1941. Ontario sales gained 25 per cent from \$10,797,674 in 1940 to \$13,484,311 in 1941. Sales amounting to \$1,645,420 in the Maritime Provinces were up 15 per cent from 1940, while Manitoba sales increased by 12 per cent from \$5,559,753 in 1940 to \$6,196,435 in 1941.

Table 1.--Provincial Distribution of Farm Implement and Equipment Sales
1940 and 1941

Province	1940		1941		
	Amount	% of Canada Total	Amount	% of Canada Total	% Change
CANADA	47,747,865	100.0	50,147,586	100.0	+ 5.0
Maritimes	1,429,793	3.0	1,645,420	3.3	+ 15.1
Quebec	3,551,623	7.4	5,038,626	10.0	+ 41.9
Ontario	10,797,674	22.6	13,484,311	26.9	+ 24.9
Manitoba	5,559,753	11.6	6,196,435	12.4	+ 11.5
Saskatchewan	15,136,891	31.7	12,647,715	25.2	- 16.4
Alberta	10,549,851	22.2	10,125,688	20.2	- 4.0
British Columbia	722,280	1.5	1,009,391	2.0	+ 39.8

NOTE:--In a number of instances, figures for 1940 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Sales of the tillage machinery group increased by 16 per cent from \$6,366,863 in 1940 to \$7,363,234 in 1941, with increases recorded for practically all types within this group. There were 19,021 cultivators of various types sold for \$1,245,640 in 1941, up 10 per cent in number and 20 per cent in value compared with the preceding year. Plow sales in 1941 numbered 35,534 and were valued at \$4,635,687, gains of 10 per cent in number and 14 per cent in value over 1940. There were 31,882 harrows sold for \$1,261,759 in 1941, up 6 per cent in number and 21 per cent in value over the preceding year.

Sales for the planting and seeding machinery group as a whole declined by 8 per cent in the year under review. Reductions in grain acreages and production together with marked increases in corn acreages and production are reflected in markedly different trends in sales for corn planters and grain drills. There were 701 corn planters or drills sold for \$68,163 in 1941, up 56 per cent in number and 64 per cent in value compared with the preceding year. On the other hand, grain drill sales for 1941 numbered 4,642 and were valued at \$1,094,099, down by 28 per cent in both number and value compared with 1940.

Increases over 1940 were recorded for all sections of the haying group, dollar sales for the group as a whole increasing by 23 per cent from \$1,497,223 in 1940 to \$1,838,335 in 1941. There were 10,554 mowers sold for \$1,111,633 in 1941, up 17 per cent in number and 21 per cent in value compared with 1940. Dump rakes form the second most important type in the haying group. There were 5,952 dump rakes sold for \$307,015 in 1941, up 15 per cent in number and 16 per cent in value compared with the preceding year.

Except for a gain in corn binder sales due to the increased corn production in 1941, declines below 1940 were general in the harvesting machinery group, with total dollar sales for the group as a whole standing at \$7,479,960, down 24 per cent from 1940. There were 5,553 grain binders sold for \$1,575,468 in 1941, down 27 per cent both in number and value from the preceding year. Corn binder sales increased in number from 394 in 1940 to 613 in 1941 with the corresponding values increasing from \$89,500 to \$154,230. Combine sales numbered 4,194 in 1941 and were valued at \$4,730,145, down 17 per cent and 22 per cent respectively in number and value from 1940.

There was no substantial change in tractor sales in 1941 from the earlier period. There were 21,118 tractors sold for \$21,771,832 in 1941, down 2 per cent in number and up 6 per cent in value compared with 1940. Sales for the tractor and power engine group as a whole were valued at \$22,680,493 in 1941, up 7 per cent over the dollar volume transacted in 1940.

In connection with this annual survey of the sale of farm implements data are also secured relating to the sale of a miscellaneous group of farm equipment and supplies. In the main, these figures cover only the sales made by manufacturers and distributors who also handle heavier types of equipment. In some instances these miscellaneous items are sold by manufacturers which do not manufacture heavier types of equipment and which do not come within the scope of this survey. For this reason the figures shown in this report for some items in the miscellaneous group do not cover the total domestic sales of these commodities.

Cream separators are included in the miscellaneous group and, although the figures for this item are not considered as complete as those for the heavier types of farm equipment, they are considered sufficiently accurate to give a fair indication of the trend. There were 32,184 cream separators reported sold for 1,860,332 in 1941, up 26 per cent in number and 31 per cent in value compared with the preceding year.

Table 2.--Summary of Farm Implement and Equipment Sales in Canada,
1940 and 1941

(Number of Units and Value of Sales at Wholesale Prices, by Main Types)

Type	1940		1941			
	No. of Units	Value	No. of Units	Per cent Change	Value	
					Amount	Per cent Change
		\$			\$	
All Types; Total	-	47,747,865	-	-	50,147,586	+ 5.0
All Types, Itemized Total	235,714	45,368,530	264,803	+ 12.3	47,175,204	+ 4.0
Planting and seeding machinery	11,759	2,271,318	11,427	- 2.8	2,084,449	- 8.2
Tractor machinery	82,640	6,366,863	89,178	+ 7.9	7,363,234	+ 15.6
Harvesting machinery	16,678	1,497,223	19,617	+ 17.6	1,838,335	+ 22.8
Tractors and engines	15,909	9,896,314	12,883	- 1.9	7,479,960	- 24.4
Other types, itemized	25,689	21,300,817	26,116	+ 1.7	22,680,493	+ 6.5
Other types, not itemized.	83,039	4,035,995	105,582	+ 27.1	5,728,733	+ 41.9
	-	2,379,335	-	-	2,972,382	+ 24.9

Table 3.--Planting and Seeding Machinery Sold in Canada, by Types,
1940 and 1941

(Number of Units and Value of Sales at Wholesale Prices)

Type	1940		1941			
	No. of Units	Value	No. of Units	Per cent Change	Value	
					Amount	Per cent Change
		\$			\$	
Planting and Seeding Machinery, Total	11,759	2,271,318	11,427	- 2.8	2,084,449	- 8.2
I. Corn planters and drills, total	449	41,969	701	+ 56.1	68,163	+ 63.5
(Includes one-horse, two-row and four-row or tractor type)						
I. Grain drills, total	6,468	1,523,422	4,642	- 28.2	1,094,099	- 28.2
A. Press drills	719	223,573	494	- 31.3	163,079	- 27.1
B. Regular type	5,749	1,299,849	4,148	- 27.8	931,020	- 28.4
I. Potato planters	438	55,842	262	- 40.2	35,777	- 35.9
V. Manure spreaders	3,914	595,554	5,336	+ 36.3	830,235	+ 39.4
(Horse- or tractor-drawn)						
V. Fertilizer sowers	151	16,455	121	- 19.9	12,854	- 21.9
V. Other planting and seeding machinery	339	38,076	365	+ 7.7	43,321	+ 13.8
(Includes turnip sowers, lime spreaders and sowers, and hand drills)						

NOTE: -- In a number of instances, figures for 1940 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Table 4.--Tillage Machinery Sold in Canada, by Types,
1940 and 1941

(Number of Units and Value of Sales at Wholesale Prices)

Type	1940		1941			
	No. of Units	Value	No. of Units	Per cent Change	Value	
					Amount	Per cent change
		\$			\$	
Tillage Machinery, Total ...	82,640	6,366,863	89,178	+ 7.9	7,363,234	+ 15.6
I. Cultivators, total	17,349	1,041,145	19,021	+ 9.6	1,245,640	+ 19.6
A. One horse (including scufflers)	9,182	114,311	9,631	+ 4.9	119,093	+ 4.2
B. Corn cultivators, two-row	1,738	143,067	1,296	- 25.4	136,668	- 4.5
C. Field cultivators (including duplex)	4,934	695,284	5,976	+ 21.1	873,517	+ 25.6
D. All other types	1,495	88,483	2,118	+ 41.7	116,362	+ 31.5
II. Rod weeders, horse-or tractor-drawn	1,296	119,787	1,345	+ 3.8	138,805	+ 15.9
III. Stalk cutters	62	2,816	51	- 17.7	3,047	+ 4.5
IV. Harrows, total	30,134	1,040,980	31,882	+ 5.8	1,261,759	+ 21.2
A. Spike tooth harrow sections (drag)	16,320	122,623	16,863	+ 3.3	132,710	+ 8.2
B. Spring Tooth(horse- or tractor-drawn)	5,217	164,967	5,095	- 2.3	170,419	+ 3.3
C. Disc harrows (all types).	8,597	753,390	9,924	+ 15.4	958,630	+ 27.2
V. Harrow carts	356	5,087	321	- 9.8	4,952	- 2.7
VI. Soil pulverizers	314	24,406	368	+ 17.2	31,588	+ 29.4
VII. Rollers and packers	913	53,056	656	- 28.1	41,756	- 21.3
VIII. Plows, grand total	32,216	4,079,586	35,534	+ 10.3	4,635,687	+ 13.6
A. Mouldboard plows, total (1) and (2)	23,356	1,720,642	25,468	+ 9.8	2,019,844	+ 17.4
(1) Horse-drawn, total ..	12,819	385,182	13,511	+ 5.4	399,023	+ 3.6
a. Walking, single furrow	10,411	198,077	10,849	+ 4.2	206,604	+ 4.3
b. Walking, two- furrow and larger.	1,286	71,873	1,548	+ 20.4	89,873	+ 25.0
c. Sulky, single furrow	364	22,431	538	+ 47.8	34,901	+ 55.6
d. Riding gang, double-furrow and larger	758	92,801	566	- 25.3	67,645	- 27.1
(2) Tractor-drawn, total (Single-furrow and larger)	10,537	1,335,460	11,957	+ 13.5	1,620,821	+ 21.4
B. Disc plows, total (1) and (2)	771	85,991	1,121	+ 14.5	117,644	+ 36.8
(1) Horse-drawn, total ..	568	54,101	887	+ 56.2	82,095	+ 51.7
(2) Tractor-drawn, total.	203	31,890	234	+ 15.3	35,549	+ 11.5
C. Harrow plows, one-way disc plows or tiller combines.	7,395	2,194,564	8,517	+ 15.2	2,462,823	+ 12.2
D. Breaker plows	485	67,574	208	- 57.1	24,683	- 63.5
E. All other types, total (includes two-way)	209	10,815	230	+ 10.0	10,693	- 1.1

NOTE:--In a number of instances, figures for 1940 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Table 5.--Haying Machinery Sold in Canada, by Types,
1940 and 1941

(Number of Units and Value of Sales at Wholesale Prices)

Type	1940		1941			
	No. of Units	Value	No. of Units	Per cent Change	Value	Per cent Change
		\$			\$	
Haying Machinery, Total	16,678	1,497,223	19,617	+ 17.6	1,838,335	+ 22.8
I. Mowers (horse or tractor-drawn)	8,999	918,660	10,554	+ 17.3	1,111,633	+ 21.0
II. Hayloaders	1,551	190,142	1,987	+ 28.1	251,162	+ 32.1
III. Side rakes and tedders	748	92,996	88	+ 18.2	116,080	+ 24.8
IV. Dump rakes	5,174	264,648	5,952	+ 15.0	307,015	+ 16.0
V. Hay presses	28	15,514	45	+ 60.7	35,664	+129.9
VI. Other haying machinery (includes hay tedders and sweep rakes)	178	15,263	195	+ 9.6	16,781	+ 10.0

Table 6.--Harvesting Machinery Sold in Canada, by Types,
1940 and 1941

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Harvesting Machinery, Total .	15,909	9,896,314	12,883	- 19.0	7,479,960	- 24.4
I. Grain binders, total	7,552	2,148,134	5,553	- 26.5	1,575,468	- 26.7
A. Horse-drawn	6,459	1,740,526	4,911	- 24.0	1,329,638	- 23.6
B. Tractor-drawn P.T.O.	1,093	407,608	642	- 41.3	245,830	- 39.7
II. Corn binders, total (horse or tractor-drawn)	394	89,500	613	+ 55.6	154,230	+ 72.3
III. Combines (reaper threshers) .	5,064	6,090,925	4,194	- 17.2	4,730,145	- 22.3
IV. Swathers	616	257,243	399	- 35.2	148,080	- 42.4
V. Threshers (stationary)	923	1,154,253	625	- 32.3	707,122	- 38.7
VI. Other harvesting machinery (includes push harvesters and headers, reapers and pick-ups)	1,360	156,259	1,499	+ 10.2	164,915	+ 5.5

Table 7.--Tractors and Power Engines Sold in Canada,
1940 and 1941

(Number of Units and Value of Sales at Wholesale Prices)

		\$			\$	
Tractors and Engines, Total .	25,689	21,300,817	26,116	+ 1.7	22,680,493	+ 6.5
I. Tractors, total	21,444	20,632,549	21,118	- 1.5	21,771,832	+ 5.5
A. Wheel type	20,762	18,900,978	20,398	- 1.8	19,842,963	+ 5.0
B. Crawler type	682	1,731,571	720	+ 5.6	1,928,869	+ 11.4
II. Power units	489	282,994	839	+ 71.6	466,648	+ 64.9
III. Engines (stationary)	3,756	385,274	4,159	+ 10.7	442,013	+ 14.7

NOTE:--In a number of instances, figures for 1940 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Table 8.--Other Farm Equipment Sold in Canada, by Types,
1940 and 1941

(Number of Units and Value of Sales at Wholesale Prices)

Type	1940		1941			
	No. of Units	Value	No. of Units	Per cent Change	Value	
					Amount	Per cent Change
		\$			\$	
Other Farm Equipment, Total	-	6,415,330	-	-	8,701,115	+ 35.6
Other Farm Equipment, Itemized, Total	83,039	4,035,995	105,582	+ 27.1	5,728,733	+ 41.9
I. Cream separators, total ...	25,649	1,417,811	32,184	+ 25.5	1,860,332	+ 31.2
A. 300 lbs. capacity and under	4,217	124,394	5,978	+ 41.8	171,276	+ 37.7
B. 301 lbs. capacity and over	21,432	1,293,417	26,206	+ 22.8	1,689,056	+ 30.6
II. Milking machines	1,190	245,247	3,348	+ 28.1	731,427	+198.2
III. Milk coolers	288	63,615	444	+ 54.2	105,115	+ 65.2
IV. Wagon boxes	676	24,419	751	+ 1.1	28,371	+ 16.2
V. Wagon gears	2,808	186,880	2,603	- 4.0	239,967	+ 28.4
VI. Farm trucks	2,170	161,803	2,616	+ 20.6	187,924	+ 16.1
VII. Sleighs	2,174	117,988	2,889	+ 32.9	160,062	+ 35.7
VIII. Corn shellers	366	7,690	478	+ 30.6	14,928	+ 94.1
IX. Ensilage cutters	289	81,484	388	+ 34.2	118,331	+ 45.2
X. Fanning mills	1,279	78,199	2,041	+ 59.6	96,167	+ 23.0
XI. Knife grinders (emery)	822	6,088	1,328	+ 61.6	9,139	+ 50.1
XII. Hammer mills	1,123	134,598	1,268	+ 12.9	183,220	+ 36.1
XIII. Grain grinders, feed cutters, feed grinders, roughage mills	8,169	473,517	10,428	+ 27.7	626,361	+ 32.3
XIV. Potato diggers	667	93,348	506	- 24.1	70,926	- 24.0
XV. Potato sprayers	3,410	54,304	4,828	+ 41.6	67,872	+ 25.0
XVI. Wheelbarrows	3,723	19,398	5,538	+ 48.8	29,403	+ 51.6
XVII. Windmills	929	66,231	1,242	+ 33.7	86,994	+ 31.3
XVIII. Pumps	26,477	635,749	31,414	+ 18.6	827,444	+ 30.2
XIX. Other farm equipment, (itemized)	830	167,626	1,198	+ 44.3	284,750	+ 69.9
XX. All other equipment	-	2,379,335	-	-	2,972,382	+ 24.9

NOTE:--In a number of instances, figures for 1940 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
INTERNAL TRADE BRANCH
OTTAWA, CANADA

Dominion Statistician: S. A. Cudmore, M.A., (Oxon.), F.S.S., F.R.S.C.
Series, 1942 Price 10 cents
No. 1

SALES OF FARM IMPLEMENTS AND EQUIPMENT IN CANADA, 1942

Dollar sales of farm implements and equipment in Canada in 1942 were maintained within narrow limits of the 1941 volume according to results of the annual survey of this trade made by the Internal Trade Branch of the Bureau of Statistics. Domestic sales mainly at wholesale prices to dealers totalled \$51,036,373 in 1942, down 2.1 per cent from the \$52,106,069 recorded for 1941, increases of 12 per cent in Manitoba and 10 per cent in British Columbia being slightly more than offset by a decline of 2.0 per cent in Quebec and by minor decreases in other sections of the country. These figures relate to the sale of new equipment and machinery only and are exclusive of the sale of arts, binder twine or motor trucks. The figures are based on reports received from Canadian manufacturers and from mail-order houses and other distributors of imported machinery.

Table 1.--Provincial Distribution of Farm Implement
and Equipment Sales, 1941 and 1942.

Province	1941		1942		
	Amount	% of Canada Total	Amount	% of Canada Total	% Change
CANADA	52,106,069	100.0	51,036,373	100.0	- 2.1
Maritimes	1,711,141	3.3	1,645,026	3.2	- 3.9
Quebec	5,758,125	11.1	4,628,460	9.1	- 19.6
Ontario	14,287,475	27.4	14,001,194	27.4	- 2.0
Manitoba	5,909,118	11.3	6,590,032	12.9	+ 11.5
Saskatchewan	12,923,707	24.8	12,567,504	24.6	- 2.8
Alberta	10,366,017	19.9	10,335,858	20.3	- 0.3
British Columbia	1,150,486	2.2	1,268,299	2.5	+ 10.2

NOTE: In a number of instances, figures for 1941 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Sales of the planting and seeding machinery group increased 20 per cent in dollar value from \$2,128,926 in 1941 to \$2,559,414 in 1942. Grain drills form the most important classification within this group of which there were 6,994 sold in 1942 for \$1,731,737, increases of 51 per cent in number and 58 per cent in value compared with the preceding year. Sales of manure spreaders numbered 4,139 in 1942 and were valued at \$679,919, down 26 per cent in number and 22 per cent in value from 1941. Corn planter sales also declined below the number and value reported for 1941, there being 501 corn planters sold for \$53,610 in the year under review compared with 701 units sold for \$68,163 in the earlier period.

Sales in the tillage machinery group were valued at \$6,550,382 in 1942, down 12 per cent from the preceding year. This decline may be attributed largely to a decrease in plow sales between the two years. There were 29,486 plows of various types sold for \$3,878,462 in 1942, down 20 per cent in number and 17 per cent in value from the 36,990 plows which sold for \$4,668,113 in 1941. Included in the total plow figures for 1942 were 22,342 mouldboard plows which sold for \$1,843,863, down 17 per cent in number and 10 per cent in value from 1941. There were also 705 disc plows sold for \$81,332 in 1942, down 37 per cent in number and 31 per cent in value from the preceding year. Sales of harrow plows, one-way disc plows or tiller combines numbered 1,121 in 1942 and were valued at \$1,915,623, declines of 28 per cent in number and 22 per cent in value below 1941. Harrow sales increased 7 per cent in number and 2 per cent

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in value between 1941 and 1942. There were 36,899 units sold for \$1,298,358 in the year under review compared with 34,434 units which sold for \$1,267,744 in the preceding period. There were 19,280 cultivators of various types sold for \$1,153,720 in 1942, up 1 per cent in number and down 8 per cent in value from the preceding year. Included in the total figures for 1942 were 5,306 field cultivators which sold for \$776,014, down 11 per cent both in number and value from 1941. There were also 1,091 two-row corn cultivators which sold for \$119,700 in 1942, decreases of 18 per cent in number and 16 per cent in value being recorded below the preceding year. Sales of one-horse cultivators including scufflers numbered 10,443 in 1942 and were valued at \$135,212, up 15 per cent in number and 20 per cent in value compared with 1941.

In the haying machinery group, dollar sales for 1942 were practically unchanged from the preceding year, the value for the year under review standing at \$1,817,882 compared with \$1,836,421 for 1941. Mowing machines form by far the most important single classification within the haying machinery group. There were 10,142 mowers including both horse and tractor-drawn sold for \$1,119,545 in 1942, down 4 per cent in number and up 1 per cent in value compared with 1941. Dump rakes form the next most important classification in this group, of which 5,509 sold for \$295,947 in 1942, down 7 per cent in number and 3 per cent in value from 1941.

Marked gains over 1941 were reported for almost all types of harvesting machinery, sales for 1942 standing at \$10,208,323, a gain of 35 per cent over the preceding year. Grain binder sales increased 63 per cent in number and 75 per cent in value from 5,556 units sold for \$1,576,168 in 1941 to 9,074 units sold for \$2,763,304 in the year under review. Combine sales also increased, there being 4,713 units sold for \$5,765,547 in 1942, up 12 per cent in number and 21 per cent in value compared with 1941. Swather sales numbered 624 in 1942 and were valued at \$233,574, up approximately 50 per cent in both number and value compared with the earlier period. Sales of stationary threshers also increased 23 per cent in number and 31 per cent in value, there being 1,089 threshers which sold for \$1,036,326 in 1942. Sales of corn binders on the other hand declined by 34 per cent in number and 32 per cent in value. There were 404 corn binders sold for \$104,329 in 1942.

There were 17,521 tractors sold for \$18,851,897 in 1942, down 21 per cent in number and 15 per cent in value from 1941 when 22,103 tractors were sold for \$22,138,942. Sales of power units and stationary engines also declined between the two years.

In connection with this annual survey of the sale of farm implements data are also secured relating to the sale of a miscellaneous group of farm equipment and supplies. In the main, these figures cover only the sales made by manufacturers and distributors who also handle heavier types of equipment. In some instances these miscellaneous items are sold by manufacturers which do not manufacture heavier types of equipment and which do not come within the scope of this survey. For this reason the figures shown in this report for some items in the miscellaneous group do not cover the total domestic sales of these commodities.

Cream separators are included in the miscellaneous group and, although the figures for this item are not considered as complete as those for the heavier types of farm equipment, they are considered sufficiently accurate to give a fair indication of the trend. There were 24,388 cream separators reported sold for \$438,443 in 1942, down 26 per cent in number and 24 per cent in value compared with the preceding year.

Table 2.--Summary of Farm Implement and Equipment Sales in Canada,
1941 and 1942

(Number of Units and Value of Sales at Wholesale Prices, by Main Types)

Type	1 9 4 1		1 9 4 2			
	No. of Units	Value	No. of Units	Per cent Change	Value	
					Amount	Per cent Change
All Types, Total	-	52,106,069	-	-	51,036,373	- 2.1
All Types, Itemized Total..	298,265	48,699,143	273,065	- 8.4	47,143,547	- 3.2
Planting and seeding machinery	11,736	2,128,926	12,358	+ 5.3	2,559,414	+ 20.2
Village machinery	93,254	7,415,309	88,498	- 5.1	6,550,382	- 11.7
Mowing machinery	19,581	1,836,421	18,367	- 6.2	1,817,882	- 1.0
Harvesting machinery	13,183	7,587,402	18,687	+ 41.8	10,208,323	+ 34.5
Tractors and engines	27,820	23,187,877	21,619	- 22.3	19,636,910	- 15.3
All other types, itemized	132,691	6,543,208	113,536	- 14.4	6,370,636	- 2.6
All other types, not itemized.	-	3,406,926	-	-	3,892,826	+ 14.3

Table 3.--Planting and Seeding Machinery Sold in Canada, by Types
1941 and 1942

(Number of Units and Value of Sales at Wholesale Prices)

Type	1 9 4 1		1 9 4 2			
	No. of Units	Value	No. of Units	Per cent Change	Value	
					Amount	Per cent Change
Planting and Seeding Machinery, Total	11,736	2,128,926	12,358	+ 5.3	2,559,414	+ 20.2
I. Corn planters and drills, Total	701	68,163	501	- 28.5	53,610	- 21.4
(Includes one-horse, two- row and four-row or tractor type)						
II. Grain drills, total	4,644	1,094,414	6,994	+ 50.6	1,731,737	+ 58.2
A. Press drills	494	163,079	710	+ 43.7	241,010	+ 47.8
B. Regular type	4,150	931,335	6,284	+ 51.4	1,490,727	+ 60.1
III. Potato planters	272	37,877	329	+ 21.0	49,117	+ 29.7
IV. Manure spreaders	5,624	871,872	4,139	- 26.4	679,919	- 22.0
(Horse- or tractor-drawn)						
V. Fertilizer sowers	120	12,779	132	+ 10.0	15,832	+ 23.9
VI. Other planting and seeding machinery	375	43,821	263	- 29.9	29,199	- 33.4
(Includes turnip sowers, lime spreaders and sowers, and hand drills)						

NOTE: In a number of instances, figures for 1941 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

1. The first part of the report deals with the general situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

2. The second part of the report deals with the economic situation of the country. It is a very detailed and accurate account of the economic conditions of the year.

3. The third part of the report deals with the social situation of the country. It is a very thorough and complete account of the social conditions of the year.

4. The fourth part of the report deals with the political situation of the country. It is a very clear and concise account of the political conditions of the year.

5. The fifth part of the report deals with the military situation of the country. It is a very comprehensive and detailed account of the military conditions of the year.

6. The sixth part of the report deals with the cultural situation of the country. It is a very interesting and informative account of the cultural conditions of the year.

7. The seventh part of the report deals with the scientific situation of the country. It is a very thorough and complete account of the scientific conditions of the year.

8. The eighth part of the report deals with the legal situation of the country. It is a very clear and concise account of the legal conditions of the year.

9. The ninth part of the report deals with the administrative situation of the country. It is a very comprehensive and detailed account of the administrative conditions of the year.

10. The tenth part of the report deals with the financial situation of the country. It is a very thorough and complete account of the financial conditions of the year.

11. The eleventh part of the report deals with the foreign relations of the country. It is a very interesting and informative account of the foreign relations of the year.

12. The twelfth part of the report deals with the internal security of the country. It is a very thorough and complete account of the internal security conditions of the year.

13. The thirteenth part of the report deals with the health and welfare of the population. It is a very clear and concise account of the health and welfare conditions of the year.

14. The fourteenth part of the report deals with the education of the population. It is a very comprehensive and detailed account of the education conditions of the year.

15. The fifteenth part of the report deals with the labor situation of the country. It is a very thorough and complete account of the labor conditions of the year.

16. The sixteenth part of the report deals with the housing situation of the country. It is a very interesting and informative account of the housing conditions of the year.

17. The seventeenth part of the report deals with the transportation situation of the country. It is a very thorough and complete account of the transportation conditions of the year.

18. The eighteenth part of the report deals with the communication situation of the country. It is a very clear and concise account of the communication conditions of the year.

19. The nineteenth part of the report deals with the energy situation of the country. It is a very comprehensive and detailed account of the energy conditions of the year.

20. The twentieth part of the report deals with the environment situation of the country. It is a very thorough and complete account of the environment conditions of the year.

Table 4.--Tillage Machinery Sold in Canada, by Types,
1941 and 1942

(Number of Units and Value of Sales at Wholesale Prices)

Type	1941		1942			
	No. of Units	Value	No. of Units	Per cent Change	Value	
					Amount	Per cent Change
Tillage Machinery, Total	93,254	7,415,309	88,498	- 5.1	6,550,382	- 11.7
Cultivators, total	19,012	1,252,009	19,280	+ 1.4	1,153,720	- 7.9
A. One horse (including sufflers)	9,076	112,838	10,443	+ 15.1	135,212	+ 19.8
B. Corn cultivators, two-row	1,329	142,282	1,091	- 17.9	119,700	- 15.9
C. Field cultivators (includ- ing duplex)	5,948	868,637	5,306	- 10.8	776,014	- 10.7
D. All other types	2,659	128,252	2,440	- 8.2	122,794	- 4.3
Rod weeders, horse- or tractor-drawn	1,189	136,178	1,028	- 13.5	115,187	- 15.4
Stalk cutters	51	3,047	121	+ 137.3	7,176	+ 135.5
Harrows, total	34,434	1,267,744	36,899	+ 7.2	1,298,358	+ 2.4
A. Spike tooth harrow sections (drag)	18,638	125,142	20,329	+ 9.1	151,273	+ 20.9
B. Spring Tooth (horse- or tractor-drawn)	5,887	182,923	6,829	+ 16.0	213,573	+ 16.8
C. Disc harrows (all types).	9,909	959,679	9,741	- 1.7	933,512	- 2.7
Harrow carts	315	4,613	274	- 13.0	4,522	- 2.0
Soil pulverizers	308	26,458	231	- 25.0	21,316	- 19.4
Rollers and packers	955	57,147	1,179	+ 23.5	71,641	+ 25.4
Plows, grand total	36,990	4,668,113	29,486	- 20.3	3,878,462	- 16.9
A. Mouldboard plows, total (1) and (2)	26,905	2,049,770	22,342	- 17.0	1,843,863	- 10.0
(1) Horse-drawn, total ...	14,897	424,870	12,249	- 17.8	364,344	- 14.2
a. Walking, single furrow	12,253	232,521	10,154	- 17.1	202,751	- 12.8
b. Walking, two-furrow and larger	1,541	89,755	1,155	- 25.0	64,957	- 27.6
c. Sulky, single furrow	537	34,854	441	- 17.9	29,095	- 16.5
d. Riding gang, double- furrow and larger	566	67,740	499	- 11.8	67,541	- 0.3
(2) Tractor-drawn, (Single- furrow and larger)	12,008	1,624,900	10,093	- 15.9	1,479,519	- 8.9
B. Disc plows, total (1) and (2)	1,121	117,644	705	- 37.1	81,332	- 30.9
(1) Horse-drawn, total ...	887	82,095	469	- 47.1	43,681	- 46.8
(2) Tractor-drawn, total .	234	35,549	236	+ 0.9	37,651	+ 5.9
C. Harrow plows, one-way disc plows or tiller combines .	8,526	2,465,323	6,121	- 28.2	1,915,623	- 22.3
D. Breaker plows	208	24,683	180	- 13.5	25,308	+ 2.5
E. All other types, total (Includes two-way)	230	10,693	138	- 40.0	12,336	+ 15.4

In a number of instances, figures for 1941 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

Table 5.--Haying Machinery Sold in Canada, by Types,
1941 and 1942

(Number of Units and Value of Sales at Wholesale Prices)

Type	1941		1942			
	No. of Units	Value	No. of Units	Per cent Change	Value	
					Amount	Per cent Change
Haying Machinery, Total ...	19,581	1,836,421	18,367	- 6.2	1,817,882	- 1.0
I. Mowers (horse or tractor-drawn)	10,549	1,111,253	10,142	- 3.9	1,119,545	+ 0.7
II. Hayloaders	1,991	251,459	1,804	- 9.4	241,096	- 4.1
III. Side rakes and tedders	886	116,383	642	- 27.5	90,368	- 22.4
IV. Dump rakes	5,909	304,661	5,509	- 6.8	295,947	- 2.9
V. Hay presses	45	35,664	76	+ 68.9	53,923	+ 51.2
VI. Other haying machinery (includes hay tedders and sweep rakes)	201	17,001	194	- 3.5	17,003	(a)

Table 6.--Harvesting Machinery Sold in Canada, by Types,
1941 and 1942

(Number of Units and Value of Sales at Wholesale Prices)

Harvesting Machinery, Total	13,183	7,587,402	18,687	+ 41.8	10,208,323	+ 34.5
I. Grain binders, total	5,556	1,576,168	9,074	+ 63.3	2,763,304	+ 75.3
A. Horse-drawn	4,914	1,330,338	7,971	+ 62.2	2,312,432	+ 73.8
B. Tractor-drawn P.T.O. ...	642	245,830	1,103	+ 71.8	450,872	+ 83.4
II. Corn binders, total (horse or tractor-drawn)	613	154,230	404	- 34.1	104,329	- 32.4
III. Combines (reaper threshers)	4,209	4,747,385	4,713	+ 12.0	5,765,547	+ 21.4
IV. Swathers	415	153,856	624	+ 50.4	233,574	+ 51.8
V. Threshers (stationary)	886	790,439	1,089	+ 22.9	1,036,326	+ 31.1
VI. Other harvesting machinery (includes push harvesters and headers, reapers and pick-ups)	1,504	165,324	2,783	+ 85.0	305,243	+ 84.6

Table 7.--Tractors and Power Engines Sold in Canada,
1941 and 1942

(Number of Units and Value of Sales at Wholesale Prices)

Tractors and Engines, Total	27,820	23,187,877	21,619	- 22.3	19,636,910	- 15.3
I. Tractors, total	22,103	22,138,942	17,521	- 20.7	18,851,897	- 14.8
A. Wheel type	21,313	20,031,789	17,031	- 20.1	17,219,764	- 14.0
B. Crawler type	790	2,107,153	490	- 38.0	1,632,133	- 22.5
II. Power units	412	459,374	329	- 20.1	305,041	- 33.6
III. Engines (stationary)	5,305	589,561	3,769	- 29.0	479,972	- 18.6

(E) In a number of instances, figures for 1941 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

() Unchanged.

Table 8.--Other Farm Equipment Sold in Canada, by Types,
1941 and 1942

(Number of Units and Value of Sales at Wholesale Prices)

Type	1 9 4 1		1 9 4 2			
	No. of Units	Value	No. of Units	Per cent Change	Value	
					Amount	Per cent Change
Other Farm Equipment, Total	132,691	9,950,134	113,536	- 14.4	10,263,462	+ 3.1
Other Farm Equipment, Itemized, Total	132,691	6,543,208	113,536	- 14.4	6,370,636	- 2.6
I. Cream separators, total ..	32,783	1,894,191	24,388	- 25.6	1,438,443	- 24.1
A. 300 lbs. capacity and under	6,146	178,342	6,748	+ 9.8	201,384	+ 12.9
B. 301 lbs. capacity and over	26,637	1,715,849	17,640	- 33.8	1,237,059	- 27.9
II. Milking machines	4,252	900,932	4,768	+ 12.1	1,002,159	+ 11.2
II. Milk coolers	563	128,060	615	+ 9.2	148,933	+ 16.3
IV. Wagon boxes	902	29,189	950	+ 5.3	35,956	+ 23.2
V. Wagon gears	2,256	209,728	1,899	- 15.8	181,700	- 13.4
VI. Farm trucks	2,999	203,544	2,794	- 6.8	231,694	+ 13.8
II. Sleighs	2,860	165,947	2,239	- 21.7	130,647	- 21.3
II. Corn shellers	333	14,585	743	+123.1	19,296	+ 32.3
IX. Ensilage cutters	420	131,705	494	+ 17.6	159,405	+ 21.0
X. Fanning mills	1,488	91,693	1,569	+ 5.4	111,134	+ 21.2
XI. Knife grinders (emery) ...	1,420	9,823	1,363	- 4.0	10,024	+ 2.0
II. Hammer mills	1,488	199,972	1,847	+ 24.1	256,032	+ 28.0
II. Grain grinders, feed, cutters, feed grinders, roughage mills	6,772	424,394	5,626	- 16.9	410,459	- 3.3
IV. Potato diggers	504	72,755	570	+ 13.1	97,468	+ 34.0
XV. Potato sprayers	5,149	77,202	5,115	- 0.7	77,140	- 0.1
VI. Wheelbarrows	4,299	24,141	4,419	+ 2.8	25,763	+ 6.7
II. Pumps	61,404	1,560,183	51,254	- 16.5	1,537,567	- 1.4
II. Other farm equipment, (itemized)	2,799	405,164	2,883	+ 3.0	496,816	+ 22.6
IX. All other equipment		3,406,926			3,892,826	+ 14.3

NOTE: In a number of instances, figures for 1941 have been changed from those shown in the report for that year to allow for revisions in data supplied by individual firms.

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SALES OF FARM IMPLEMENTS AND EQUIPMENT
IN CANADA, 1936-1943.

Annual reports on the sale of farm implements and equipment in Canada, based on returns submitted by Canadian manufacturers and by importers of foreign makes have been compiled and published by the Bureau of Statistics since 1936. Figures contained in these annual reports in the past have been restricted to those for the year under review and for the immediately preceding year with which comparisons are made. In view of the demand for these data for earlier years, the complete series of statistics from 1936 to 1943 has been brought together and is contained in this bulletin.

Summary, 1943

Government restrictions on the manufacture and sale of farm implements and equipment are reflected in sales figures for last year. Domestic sales, mainly at wholesale prices as reported by manufacturers, mail order houses, and wholesale distributors of imported makes totalled \$29,796,560 in 1943, down 41.0 per cent from the \$50,461,523 recorded for 1942 and approximately on a par with the volume of business transacted in 1937 when the figure stood at \$30,775,198. These figures relate to the sale of new equipment and machinery only. They do not include used machinery nor do they include parts, binder twine or motor trucks.

Declines below 1942 were recorded for all regions of the country, for all major type groupings according to purpose and for almost all of the individual categories for which figures are compiled. The declines in dollar volume below 1942 for the broad commodity groupings according to purpose stand at 41.9 per cent for planting and seeding machinery, 24.2 per cent for tillage machinery, 49.2 per cent for haying machinery, 54.0 per cent for harvesting machinery, and 51.6 per cent for tractors and engines.

Sales for the planting and seeding machinery group averaged 41.9 per cent lower in value in 1943 than in 1942. Grain drills and manure spreaders are the most important components of this group. There were 3,503 grain drills sold for \$947,359 in 1943, down 49.9 per cent in number and 45.3 per cent in value from the 6,994 units which sold for \$1,731,737 in the preceding year. Manure spreader sales numbered 2,679 and were valued at \$429,421 in 1943, down 35.3 per cent in number and 36.8 per cent in

value compared with the corresponding figures for 1942.

Total sales for the tillage machinery group totalled \$4,953,444 in 1943, a decrease of 24.2 per cent below the \$6,539,100 reported for 1942 being recorded. Plow sales represent almost two-thirds of the total sales volume for this group. There were 21,828 plows of various types sold in Canada last year for \$3,243,355, down 26.4 per cent in number and 16.4 per cent in value from the 29,648 units which sold for \$3,880,851 in 1942. Included in the total plow sales for last year were 14,622 mouldboard plows which sold for \$1,088,380 and 528 disc plows which sold for \$60,275. Included also in the 1943 totals were 6,482 harrow plows or tiller combines, 156 breaker plows and 40 other plows of miscellaneous types. In contrast to the results for almost all other types of equipment, tiller combine sales increased in 1943 compared with 1942, the 6,482 tiller combines which sold for \$2,064,523 in 1943 exceeding by 5.9 in number and by 7.8 in value the corresponding number and value for the preceding year.

Haying machinery sales declined by approximately one-half below 1942 both in respect of number of units and the value of sales made. Total sales for the group as a whole were \$923,497 in 1943 compared with \$1,817,882 in the preceding year. Included in the 1943 totals were 4,939 mowers which sold for \$513,559, down 51.3 per cent in number and 54.1 per cent in value compared with 1942. Dump rakes come second in this group in point of view of number of units sold. There were 2,197 dump rakes sold for \$119,727 last year, down about 60 per cent both in number and value from the preceding year. Included in the haying machinery totals for 1943 were also 1,387 hayloaders which sold for \$179,434; 523 side rakes and tedders which sold for \$69,873; 45 hay presses which sold for \$36,930; and 50 units of other types which sold for \$3,974.

A marked reduction in grain binder sales last year forms the outstanding feature in the harvesting machinery group. There were only 2,302 grain binders sold for \$682,793 in Canada last year, decreases of 74.6 per cent in number and 75.3 per cent in value compared with 1942 being recorded. Last year was the first in the experience of the past eight years in which the number of combines sold exceeded grain binder sales. There were 2,504 combines sold for \$3,286,469 in 1943, down 46.8 per cent in number and 42.9 per cent in value compared with the preceding year. Sales for the harvesting machinery group as a whole totalled \$4,695,412 in 1943, a decline of 54 per cent below the corresponding figure for 1942.

Sales of tractors and engines also registered marked decreases below 1942. There were 8,838 tractors sold for \$8,687,216 in 1943, down 49.5 per cent in number and 53.9 per cent in value compared with the preceding year. Sales of stationary engines were up. There were 4,432 engines sold for \$524,830 last year compared with 3,816 units which sold for \$484,821 in 1942.

In connection with this annual survey of farm implements, data are secured relating to the sale of a miscellaneous group of farm equipment and supplies. In the main, these figures cover only the sales made by manufacturers and distributors who also handle the heavier types of equipment. It has not been feasible to obtain reports from all manufacturers and importers of these miscellaneous smaller items. These qualifications must be borne in mind in interpreting the figures shown in this report for the miscellaneous farm equipment group.

Included in the miscellaneous group are figures for cream separators. There were 16,618 cream separators sold for \$1,151,380 last year, down 31.6 per cent in number and 19.7 per cent in value from 1942. Included in the 1943 totals were 1,895 separators of 300 pounds capacity or less and these sold for \$64,597. Included also were 14,723 separators of higher capacity and these sold for \$1,086,783.

Farm Implement and Equipment Sales by Regions

Commencing with the report for 1938 each firm was asked to report its total dollar sales on a regional basis. These figures are presented in Table 1 of this report. Corresponding figures for 1936 and 1937 and regional figures for detailed types of machinery and equipment for other years are not available.

Measured by dollar volume, Saskatchewan came first in point of view of farm implement and equipment sales last year with 25.7 per cent of the total followed closely by Ontario with 24.7 **per cent**. Alberta came next with 21.3 per cent followed by Manitoba with 11.6 per cent, Quebec with 10.5 per cent, the Maritime Provinces with 3.7 per cent, and British Columbia with 2.5 per cent.

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Table 1.--Regional Distribution of Farm Implement
and Equipment Sales, 1938-1943

Region	Amount	% of Canada total	Amount	% of Canada total
	1938		1939	
CANADA	\$ 36,213,382	100.0	\$ 34,060,447	100.0
Maritime Provinces	934,115	2.6	1,083,168	3.2
Quebec	2,631,845	7.3	2,587,063	7.6
Ontario	7,786,267	21.5	7,619,798	22.4
Manitoba	7,465,625	20.6	4,773,413	14.0
Saskatchewan	7,812,638	21.6	8,379,797	24.6
Alberta	9,143,567	25.2	9,217,459	27.0
British Columbia	439,325	1.2	399,749	1.2
	1940		1941	
CANADA	\$ 47,747,865	100.0	\$ 52,106,069	100.0
Maritime Provinces	1,429,793	3.0	1,711,141	3.3
Quebec	3,551,623	7.4	5,758,125	11.1
Ontario	10,797,674	22.6	14,287,475	27.4
Manitoba	5,559,753	11.6	5,909,118	11.3
Saskatchewan	15,136,891	31.7	12,923,707	24.8
Alberta	10,549,851	22.2	10,366,017	19.9
British Columbia	722,280	1.5	1,150,486	2.2
	1942		1943	
CANADA	\$ 50,461,523	100.0	\$ 29,796,560	100.0
Maritime Provinces	1,610,056	3.2	1,088,830	3.7
Quebec	4,532,984	9.0	3,133,424	10.5
Ontario	13,672,486	27.1	7,359,877	24.7
Manitoba	6,548,306	13.0	3,446,587	11.6
Saskatchewan	12,523,365	24.8	7,643,580	25.7
Alberta	10,338,469	20.5	6,357,970	21.3
British Columbia	1,235,857	2.4	766,292	2.5

Note: Figures for years prior to 1943 have been revised in some instances.

Table 2.--Farm Implement and Equipment Sales in Canada,
by Types, 1942 and 1943

Type	1942		1943			
	No. of units	Value	No. of units	Per cent change	Value	Per cent change
		\$			\$	
All Types, Total	-	50,461,523	-	-	29,796,560	- 41.0
All Types, Itemized Total	270,180	47,061,967	182,263	- 32.5	26,486,413	- 43.7
Planting and Seeding Machinery, Total	12,409	2,569,817	7,101	- 42.8	1,492,652	- 41.9
Corn planters and drills	499	53,460	256	- 48.7	27,765	- 48.1
Grain drills, total	6,994	1,731,737	3,503	- 39.9	947,359	- 45.3
Press drills	710	241,010	628	- 10.4	217,024	- 10.0
Regular type	6,284	1,490,727	2,875	- 54.2	730,335	- 51.0
Potato planters	329	49,117	199	- 39.5	28,888	- 41.2
Manure spreaders (horse or tractor-drawn)	4,139	679,919	2,679	- 35.3	429,421	- 36.8
Fertilizer sewers	132	15,832	103	- 22.0	12,046	- 23.9
Other planting and seeding machinery	316	39,752	361	+ 14.2	47,173	+ 18.7
Tillage Machinery, Total	87,738	6,539,100	52,323	- 40.4	4,953,444	- 24.2
Cultivators, total	18,587	1,147,931	11,594	- 37.6	947,732	- 17.4
Onehorse (including scufflers)	10,367	133,748	5,183	- 50.0	67,993	- 49.2
Corn cultivators, two-row ...	1,171	129,500	613	- 47.7	66,929	- 48.3
Field cultivators (including duplex)	5,236	766,214	5,121	- 2.2	758,704	- 1.0
All other types	1,813	118,469	677	- 62.7	54,106	- 54.3
Mod weeders, horse- or tractor-drawn).....	1,028	115,187	543	- 47.2	62,063	- 46.1
Stalk cutters	121	7,176	91	- 24.8	5,330	- 25.7
Harrows, total	36,820	1,297,976	17,285	- 53.1	625,255	- 51.1
Spike tooth harrow sections (drag)	20,254	150,873	9,309	- 54.0	72,141	- 52.2
Spring tooth (horse- or tractor-drawn)	6,826	213,528	3,306	- 51.6	102,674	- 51.9
Disc harrows, all types	9,740	933,575	4,670	- 52.1	460,440	- 50.7
Harrow carts	274	4,522	68	- 75.2	1,014	- 77.6
Oil pulverizers	231	21,316	86	- 62.8	7,180	- 66.3
Rollers and packers	1,029	64,141	828	- 19.5	51,515	- 19.7
Plows, grand total	29,648	3,880,851	21,828	- 26.4	3,243,355	- 16.4
Mouldboard plows, total	22,506	1,846,264	14,622	- 35.0	1,088,380	- 41.1
Horse-drawn --						
Walking, single furrow	10,328	205,304	7,564	- 26.8	150,495	- 26.7
Walking, two-furrow & larger	1,155	64,957	642	- 44.4	36,656	- 43.6
Sulky, single furrow	441	29,095	208	- 52.8	13,500	- 53.6
Riding gang, double furrow and larger	499	67,541	539	+ 8.0	67,480	- 0.1

Table 2.--Farm Implement and Equipment Sales in Canada,
by Types, 1942 and 1943--(Cont'd)

Type	1942		1943			
	No. of units	Value \$	No. of units	Per cent change	Value	
					Amount \$	Per cent change
Plows--(Continued)						
Mouldboard plows--Cont'd						
Tractor-drawn--						
Single furrow and larger	10,083	1,479,467	5,669	- 43.8	820,249	- 44.6
Disc plows, total	705	81,332	528	- 25.1	60,275	- 25.9
Horse-drawn	469	43,681	385	- 17.9	36,534	- 16.4
Tractor-drawn	236	37,651	143	- 39.4	23,741	- 36.9
Harrow plows, one-way disc plows or tiller combines	6,121	1,915,623	6,482	+ 5.9	2,064,523	+ 7.8
Breaker plows	180	25,308	156	- 13.3	26,443	+ 4.5
All other types, total (includes two-way)	136	12,224	40	- 70.6	3,734	- 69.5
Haying Machinery, Total ..	18,367	1,817,882	9,141	- 50.2	923,497	- 49.2
Mowers, (horse- or tractor- drawn)	10,142	1,119,545	4,939	- 51.3	513,559	- 54.1
Hayloaders	1,804	241,096	1,387	- 23.1	179,434	- 25.6
Side rakes and tedders	642	90,368	523	- 18.5	69,873	- 22.7
Dump rakes	5,509	295,947	2,197	- 60.1	119,727	- 59.5
Hay presses	76	53,923	45	- 40.8	36,930	- 31.5
Other haying machinery (in- cludes haytedders and sweep rakes)	194	17,003	50	- 74.2	3,974	- 76.6
Harvesting Machinery, Total	18,691	10,210,737	7,693	- 58.8	4,695,412	- 54.0
Grain binders, total	9,074	2,763,304	2,302	- 74.6	682,793	- 75.3
Horse-drawn	7,971	2,312,432	2,043	- 74.4	582,658	- 74.8
Tractor-drawn	1,103	450,872	259	- 76.5	100,135	- 77.8
Corn binders, total (horse- or tractor-drawn)	408	112,884	216	- 47.1	52,216	- 53.7
Combines (reaper-threshers) ..	4,710	5,758,992	2,504	- 46.8	3,286,469	- 42.9
Swathers	627	233,944	245	- 60.9	94,475	- 59.6
threshers (stationary)	1,088	1,036,176	635	- 41.6	366,633	- 64.6
Other harvesting machinery ..	2,784	305,437	1,791	- 35.7	212,826	- 30.3
Tractors and Engines, Total	21,656	19,644,443	13,505	- 37.6	9,506,599	- 51.6
Tractors, total	17,513	18,855,386	8,838	- 49.5	8,687,216	- 53.9
Wheel type	17,030	17,238,316	8,672	- 49.1	8,184,731	- 52.5
Crawler type	483	1,617,070	166	- 65.6	502,485	- 68.9
Power units	327	304,236	235	- 28.1	294,553	- 3.2
Engines (stationary)	3,816	484,821	4,432	+ 16.1	524,830	+ 8.3

Table 2.--Farm Implement and Equipment Sales in Canada,
by Types, 1942 and 1943--(Concl'd)

Type	1942		1943			
	No. of units	Value	No. of units	Per cent change	Value	
					Amount	Per cent change
Other Farm Equipment, Total ..	-	\$ 9,679,544	-	-	\$ 8,224,956	- 15.0
Other Farm Equipment, Itemized Total	111,319	6,279,988	92,500	- 16.9	4,914,809	- 21.7
reer separators, total	24,284	1,433,325	16,618	- 31.6	1,151,380	- 19.7
300 lbs. capacity and under	7,411	223,269	1,895	- 74.4	64,597	- 71.1
301 lbs. capacity and over	16,873	1,210,056	14,723	- 12.7	1,086,783	- 10.2
ilking machines	4,329	957,337	4,265	- 1.5	963,527	+ 0.6
ilk coolers	606	145,440	823	+ 35.8	167,036	+ 14.8
agon boxes	950	35,956	996	+ 4.8	35,140	- 2.3
agon gears	1,897	181,600	1,161	- 38.8	99,402	- 45.3
arm trucks	2,794	231,694	2,210	- 20.9	150,167	- 35.2
leighs	2,178	127,548	2,029	- 6.8	108,302	- 15.1
orn shellers	743	19,296	97	- 86.9	3,455	- 82.1
nsilage cutters	493	159,205	190	- 61.5	72,275	- 54.6
anning mills	1,567	110,984	1,326	- 15.4	106,898	- 3.7
nife grinders (emery)	1,363	10,024	950	- 30.3	6,464	- 35.5
ammer mills	1,800	252,168	833	- 53.7	120,591	- 52.2
rain grinders, feed cutters, feed grinders, roughage mills	5,411	386,904	5,765	+ 6.5	383,315	- 0.9
ctato diggers	570	97,468	310	- 45.6	55,958	- 42.6
ctato sprayers	5,105	75,060	1,207	- 76.4	68,191	- 9.2
heelbarrows	3,791	19,713	2,036	- 46.3	11,994	- 39.2
umps	50,728	1,534,524	49,005	- 3.4	1,105,117	- 28.0
ther farm equipment (itemized) ..	2,710	501,742	2,679	- 1.1	305,597	- 39.1
ll other farm equipment	-	3,399,556	-	-	3,310,147	- 2.6

Table 3.--Farm Implement and Equipment Sales in Canada,
by Types, 1936-1941

Type	1936		1937	
	Number of units	Value \$	Number of units	Value \$
1. All Types, Total	-	19,343,871	-	30,775,198
2. All Types, Itemized Total	167,186	18,178,046	219,263	29,333,881
3. Planting and Seeding Machinery, Total	8,012	1,315,496	12,215	2,209,165
4. Corn planters and drills	1,237	213,717	1,990	353,791
5. Grain drills, total	3,336	700,167	5,831	1,245,111
6. Press drills	182	42,128	242	61,626
7. Regular type	3,154	658,039	5,589	1,183,485
8. Potato planters	120	12,757	301	33,927
9. Manure spreaders (horse- or tractor-drawn)	2,482	359,730	3,562	523,857
10. Fertilizer spreaders	128	13,297	351	37,267
11. Other planting and seeding machinery	709	15,928	180	15,212
12. Tillage Machinery, Total	57,990	3,475,831	79,845	4,744,093
13. Cultivators, total	11,582	463,542	16,217	684,758
14. One horse (including scufflers)	6,545	70,448	9,086	102,886
15. Corn cultivators, two-row	769	53,444	1,373	94,298
16. Field cultivators (including duplex) ..	2,636	308,305	3,886	458,283
17. All other types	1,632	31,345	1,872	29,291
18. Rod weeders, horse- or tractor-drawn	515	49,140	844	80,322
19. Stalk cutters	65	3,719	266	15,230
20. Harrows, total	23,476	627,488	32,739	882,081
21. Spike tooth harrow sections (drag)	13,398	85,360	18,597	119,781
22. Spring tooth (horse- or tractor-drawn) ..	3,912	118,104	5,514	165,319
23. Disc harrows, all types	6,166	424,024	8,628	596,981
24. Harrow carts	464	5,706	660	9,162
25. Soil pulverizers	165	13,835	285	24,209
26. Rollers and packers	735	36,755	940	58,022
27. Plows, grand total	20,988	2,275,646	27,894	2,990,309
28. Mouldboard plows, total	14,015	622,293	19,693	1,050,376
Horse-drawn --				
29. Walking, single furrow	9,164	157,395	11,873	207,105
30. Walking, two furrow and larger	1,194	57,789	1,534	74,338
31. Sulky, single furrow	633	36,781	676	39,533
32. Riding gang, double furrow and larger	1,656	183,833	1,629	183,951
Tractor-drawn --				
33. Single furrow and larger	1,368	186,495	3,981	545,449
34. Disc plows, total	1,983	293,711	1,888	321,423
35. Horse-drawn	927	99,815	856	89,965
36. Tractor-drawn	1,056	193,896	1,032	231,458

Table 3.--Farm Implement and Equipment Sales in Canada,
by Types, 1936-1941

1938		1939		1940		1941		
Number of units	Value	Number of units	Value	Number of units	Value	Number of units	Value	
-	\$ 36,213,382	-	\$ 34,060,447	-	\$ 47,747,865	-	\$ 52,106,069	1.
209,425	34,869,026	191,497	32,719,849	235,714	45,368,530	298,265	48,699,143	2.
9,733	1,855,368	7,673	1,357,739	11,759	2,271,318	11,736	2,128,926	3.
301	28,463	293	27,131	449	41,969	701	68,163	4.
5,731	1,307,804	3,737	814,947	6,468	1,523,422	4,644	1,094,414	5.
365	94,941	357	83,575	719	223,573	494	163,079	6.
5,366	1,212,863	3,380	731,372	5,749	1,299,849	4,150	931,335	7.
185	23,004	172	21,990	438	55,842	272	37,877	8.
2,703	410,688	3,046	450,690	3,914	595,554	5,624	871,872	9.
641	70,390	300	32,228	151	16,455	120	12,779	10.
172	15,019	125	10,753	339	38,076	375	43,821	11.
74,338	4,561,801	65,161	4,346,495	82,640	6,366,863	93,254	7,415,309	12.
15,608	794,475	13,986	777,711	17,349	1,041,145	19,012	1,252,009	13.
9,648	112,849	8,151	97,355	9,182	114,311	9,076	112,838	14.
1,159	91,611	1,177	90,685	1,738	143,067	1,329	142,282	15.
4,045	556,583	3,952	548,576	4,934	695,284	5,948	868,637	16.
756	33,432	706	41,095	1,495	88,483	2,659	128,252	17.
1,545	144,359	1,391	126,914	1,296	119,787	1,189	136,178	18.
351	19,689	181	9,913	62	2,816	51	3,047	19.
29,959	881,285	24,523	818,526	30,134	1,040,980	34,434	1,267,744	20.
17,256	110,666	12,470	90,585	16,320	122,623	18,638	125,142	21.
4,923	146,822	4,780	145,958	5,217	164,967	5,887	182,923	22.
7,780	623,797	7,273	581,983	8,597	753,390	9,909	959,679	23.
468	6,964	249	3,765	356	5,087	315	4,613	24.
205	17,721	229	18,908	314	24,406	308	26,458	25.
752	53,946	494	34,281	913	53,056	955	57,147	26.
25,450	2,643,362	24,108	2,556,477	32,216	4,079,586	36,990	4,668,113	27.
18,744	1,093,179	17,965	1,034,315	23,356	1,720,642	26,905	2,049,770	28.
11,435	210,814	10,663	192,670	10,411	198,077	12,253	232,521	29.
1,193	62,734	1,413	72,983	1,286	71,873	1,541	89,755	30.
571	35,021	472	27,796	364	22,431	537	34,854	31.
1,049	135,224	702	87,321	758	92,801	566	67,740	32.
4,496	649,386	4,715	653,545	10,537	1,335,460	12,008	1,624,900	33.
1,323	223,840	1,319	243,263	771	85,991	1,121	117,644	34.
730	78,960	583	55,862	568	54,101	887	82,095	35.
603	144,880	736	187,401	203	31,890	234	35,549	36.

Table 3.--Farm Implement and Equipment Sales in Canada,
by Types, 1936-1941--(Cont'd)

Type	1936		1937	
	Number of units	Value	Number of units	Value
Plows --(Cont'd)		\$		\$
1. Harrow plows, one-way disc plows or tiller combines	4,815	1,342,501	5,732	1,560,971
2. Breaker plows	95	10,684	458	53,444
3. All other types, total (includes two- way)	80	6,457	123	4,095
4. Haying Machinery, Total	12,726	1,038,846	15,793	1,293,610
5. Mowers (horse- or tractor-drawn)	7,574	715,215	8,862	845,895
6. Hayloaders	691	76,076	1,108	123,294
7. Side rakes and tedders	509	43,460	544	54,034
8. Dump rakes	3,795	175,206	5,076	233,628
9. Hay presses	35	20,338	43	23,747
10. Other haying machinery (includes hay tedders and sweep rakes)	122	8,551	160	13,012
11. Harvesting Machinery, Total	7,542	2,542,877	12,483	3,883,524
12. Grain binders, total	5,874	1,406,085	10,369	2,534,602
13. Horse-drawn	5,677	1,341,627	9,605	2,276,000
14. Tractor-drawn	197	64,458	764	258,602
15. Corn binders, total (horse- or tractor- drawn)	285	57,336	802	166,629
16. Combines (reaper-threshers)	382	294,757	306	358,636
17. Swathers	184	65,854	90	30,186
18. Threshers (stationary)	548	574,742	704	766,239
19. Other harvesting machinery	269	44,103	212	27,232
20. Tractors and Engines, Total	7,829	6,633,127	14,498	13,329,394
21. Tractors, total	4,982	6,214,322	10,578	12,523,289
22. Wheel type	4,394	4,735,734	9,573	9,966,100
23. Crawler type	588	1,478,588	1,005	2,557,189
24. Power units	135	108,746	248	263,440
25. Engines (stationary)	2,712	310,059	3,672	542,665

Table 3.--Farm Implement and Equipment Sales in Canada,
by Types, 1936-1941--(Cont'd)

1938		1939		1940		1941		
Number of units	Value \$	Number of units	Value \$	Number of units	Value \$	Number of units	Value \$	
4,293 907	1,202,846 117,568	4,242 453	1,216,007 58,489	7,395 485	2,194,564 67,574	8,526 208	2,465,323 24,683	1. 2.
173	5,929	129	4,403	209	10,815	230	10,693	3.
6,196	1,433,771	12,878	1,096,735	16,678	1,497,223	19,581	1,836,421	4.
9,014	914,494	6,941	688,120	8,999	918,660	10,549	1,111,253	5.
1,247	146,534	997	117,688	1,551	190,142	1,991	251,459	6.
615	68,890	427	53,374	748	92,996	886	116,383	7.
5,135	256,732	4,365	214,678	5,174	264,648	5,909	304,661	8.
61	36,883	27	13,132	28	15,514	45	35,664	9.
124	10,238	121	9,743	178	15,263	201	17,001	10.
7,542	7,098,638	13,830	6,776,385	15,909	9,896,314	13,183	7,587,402	11.
3,212	3,621,406	7,839	2,089,153	7,552	2,148,134	5,556	1,576,168	12.
1,407	2,946,983	6,790	1,708,884	6,459	1,740,526	4,914	1,330,338	13.
1,805	674,423	1,049	380,269	1,093	407,608	642	245,830	14.
615	139,131	564	122,514	394	89,500	613	154,230	15.
1,344	1,591,228	2,648	2,932,312	5,064	6,090,925	4,209	4,747,385	16.
410	151,911	513	197,116	616	257,243	415	153,856	17.
1,257	1,494,787	1,096	1,308,893	923	1,154,253	886	790,439	18.
704	100,175	1,170	126,397	1,360	156,259	1,504	165,324	19.
6,814	15,972,334	16,956	15,412,028	25,689	21,300,817	27,820	23,187,877	20.
3,230	15,310,916	13,402	14,769,357	21,444	20,632,549	22,103	22,138,942	21.
2,287	13,181,495	12,290	12,283,484	20,762	18,900,978	21,313	20,031,789	22.
943	2,129,421	1,112	2,485,873	682	1,731,571	790	2,107,153	23.
279	282,450	256	231,590	489	282,994	412	459,274	24.
3,305	378,968	3,298	411,081	3,756	385,274	5,305	589,561	25.

Table 3.--Farm Implement and Equipment Sales in Canada,
by Types, 1936-1941--(Concl'd)

Type	1936		1937	
	Number of units	Value \$	Number of units	Value \$
1. Other Farm equipment, Total	-	4,337,594	-	5,315,412
2. Other Farm Equipment, Itemized Total	73,087	3,171,769	84,429	3,874,095
3. Cream separators, total	25,886	1,542,903	27,172	1,722,181
4. 300 lbs. capacity and under	3,446	88,114	5,383	173,215
5. 301 lbs. capacity and over	22,440	1,454,789	21,789	1,548,966
6. Milking machines	136	30,485	274	62,139
7. Milk coolers	149	13,735	192	20,304
8. Wagon boxes	1,386	46,423	1,328	48,130
9. Wagon gears	4,239	254,433	4,697	316,423
10. Farm trucks	1,646	100,985	2,231	153,862
11. Sleighs	2,262	115,976	2,664	137,330
12. Corn shellers	524	5,081	812	6,987
13. Ensilage cutters	207	62,891	329	99,891
14. Fanning mills	1,555	72,035	1,770	82,743
15. Knife grinders (emery)	523	3,340	933	5,666
16. Hammer mills	563	87,765	518	78,460
17. Grain grinders, feed cutters, feed grinders, roughage mills	3,560	236,203	2,855	197,145
18. Potato diggers	474	63,797	743	96,825
19. Potato sprayers	1,458	15,576	2,616	61,909
20. Wheelbarrows	3,551	22,100	4,218	24,466
21. Pumps	22,898	345,538	27,873	513,740
22. Other farm equipment (itemized)	2,070	152,503	3,204	245,894
23. All other farm equipment	-	1,165,825	-	1,441,317

Table 3.--Farm Implement and Equipment Sales in Canada,
by Types, 1936-1941--(Concl'd)

1938		1939		1940		1941		
Number of units	Value \$	Number of units	Value \$	Number of units	Value \$	Number of units	Value \$	
-	5,291,470	-	5,071,065	-	6,415,330	-	9,950,134	1.
4,802	3,947,114	74,999	3,730,467	83,039	4,035,995	132,691	6,543,208	2.
7,426	1,791,348	25,013	1,410,978	25,649	1,417,811	32,783	1,894,191	3.
4,631	156,453	4,574	116,723	4,217	124,394	6,146	178,342	4.
2,795	1,634,895	20,439	1,294,255	21,432	1,293,417	26,637	1,715,849	5.
484	100,509	678	135,552	1,190	245,247	4,252	900,932	6.
200	27,525	260	53,902	288	63,615	563	128,060	7.
1,016	37,068	966	33,744	676	24,419	902	29,189	8.
3,057	212,057	2,763	178,049	2,808	186,880	2,256	209,728	9.
2,199	148,524	1,973	139,553	2,170	161,803	2,999	203,544	10.
2,265	133,839	1,569	87,198	2,174	117,988	2,860	165,947	11.
769	4,577	487	4,957	366	7,690	333	14,585	12.
396	117,748	472	137,281	289	81,484	420	131,705	13.
1,536	72,114	903	41,736	1,279	78,199	1,488	91,693	14.
969	6,316	822	5,166	822	6,088	1,420	9,823	15.
507	83,182	693	96,812	1,123	134,598	1,488	199,972	16.
3,659	223,889	6,330	389,708	8,169	473,517	6,772	424,394	17.
294	35,423	428	53,546	667	93,348	504	72,755	18.
2,018	45,500	1,956	54,610	3,410	54,304	5,149	77,202	19.
5,346	28,122	4,617	24,188	3,723	19,398	4,299	24,141	20.
2,908	629,163	22,285	626,513	26,477	635,749	61,404	1,560,183	21.
2,753	250,210	2,784	188,052	1,759	233,857	2,799	405,164	22.
-	1,344,356	-	1,340,598	-	2,379,335	-	3,406,926	23.

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FARM IMPLEMENT AND EQUIPMENT SALES

IN CANADA

1945



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1946

Price 25 cents

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SALES OF FARM IMPLEMENTS AND EQUIPMENT IN CANADA, 1945.

Introduction

Annual reports on the sale of farm implements and equipment in Canada, based on returns submitted by Canadian manufacturers and by importers of foreign makes, have been compiled and published by the Bureau of Statistics since 1936. In collaboration with the Farm Equipment Section of the Canadian Manufacturers' Association and with officials of the Engineering Division of the Experimental Farms Service, the schedule used in connection with these annual surveys has recently been revised, chiefly in the direction of adding greatly to the number of separate classes of farm implements and equipment for which sales figures are now available. This development should enhance the value of the results of these surveys as a measure of the trend in farm mechanization in Canada and will permit of more valid comparisons between the totals shown for the trade and the results for individual firms. A separate analysis of sales by class of equipment for the Prairie Provinces only is another feature, introduced for the first time in the present report, which should add still further to the value of the survey.

This report, giving comparative sales figures for 1944 and 1945, is based on returns submitted by mail from a total of 205 firms, including Canadian manufacturers and also importers of foreign makes. Each manufacturer was asked to report only sales of his own manufacture and sales of imported goods. Sales of any goods which he purchased from other Canadian suppliers were to be excluded. The manufacturers' sales are supplemented by returns from firms which do not manufacture in Canada but which import farm implements and equipment directly from other countries. Figures relate to sales made to Canadian customers only; export sales are not included.

The report covers the sale of new implements and equipment and also the sale of parts and accessories. Used machinery and the sale of binder twine and motor

Note: Figures shown for 1944 in this bulletin have been revised where necessary from those contained in the corresponding report issued a year ago. Figures for years dating back to 1936 are contained in a special summary entitled "Farm Implement and Equipment Sales in Canada, 1936-1945". This report may be obtained from the Dominion Bureau of Statistics, Ottawa.

trucks are not included. Most of the statements on which the report is based relate to the calendar year 1945 or to the fiscal year ending on October 31 or November 30, 1945. The value figures reported generally represent wholesale prices although each respondent was asked to indicate the approximate mark-up required to bring the values reported to a retail basis and these data have been used in preparing an estimate of the total cost to the farmer of new equipment purchased in the year under review.

The revised schedule is divided into 14 major purpose classifications of equipment and each of these major classes is subdivided into more detailed types making a total of some 170 individual classifications in all. But in a limited number of instances it has been necessary to combine closely related types or to assign certain types to the miscellaneous category within each major class in order to avoid disclosing the trading operations of individual firms. In no instance are figures shown for fewer than three firms.

General Summary

Domestic sales of farm implements and equipment, mainly at wholesale prices to dealers or agents, amounted to \$63,781,105 in 1945, up 16.3 per cent over the revised figure of \$54,824,135 for 1944 and the highest figure recorded since the inception of this series of annual reports in 1936. These figures relate to the sale of new machinery and equipment only and do not include the sale of parts, binder twine, motor trucks or used equipment of any kind. Supplementary information relating to average mark-up as reported by the various firms indicates that the total sales figure quoted for 1945 should be increased by approximately 20.1 per cent to bring it to a retail basis. It would appear therefore that Canadian farmers spent approximately \$76,500,000 for new farm machinery and equipment in 1945.

Separate figures on the sale of repair parts, also collected from manufacturers and importers, show a total business of \$18,651,843 in 1945, a gain of 9.2 per cent over the \$17,064,138 reported for the preceding year. In applying an average mark-up of 31.4 per cent to the 1945 figure, a total retail value for repair parts amounting to \$24,508,500 is obtained.

Government Orders Affecting Imports & Production

Production and importation of farm implements and equipment were subject to various Wartime Prices and Trade Board orders during the calendar year of 1945. During the first five months of the year Administrator's Order No. A-1162 was in effect. This order, which came into effect on July 1, 1944 and was to be effective for the following twelve month period, set separate production and import quotas for the Prairie Provinces and for the remainder of Canada at levels generally higher than those allowed by earlier orders of the Board. These quotas were set as percentages of the average annual production or imports over the two year period 1940-1941. Quotas for the year ended June 30, 1945 for the Western Provinces for a few of the more important classifications of farm equipment with corresponding quotas for the preceding year in brackets are as follows: Plain grain drills, 85 per cent (70 per cent); manure spreaders, 133 per cent (81 per cent); one-way discs, 95 per cent (73 per cent); mowers, 105 per cent (87 per cent); combines, 120 per cent (110 per cent) and tractors, 75 per cent (75 per cent). Increased quotas were also provided for Eastern Canada and British Columbia.

Order A-1646 came into effect on June 1, 1945, replacing Order A-1162 and was designed to control the production and sale of farm machinery until June 30th, 1946. But on August 22, 1945, Order A-1688 came into effect, revoking Order A-1646 and removing all governmental restrictions on the production, importation and sale of

farm machinery in the country. Rationing of the principal items of farm equipment was, however, continued. But notwithstanding the removal of specific government regulations, shortages of labour and of sheet steel, castings and other materials were such as to prohibit any outstanding overall increase in the volume of production in 1945 over the preceding year.

Regional Distribution of New Implement and Equipment Sales

Although all regions of the country recorded increased sales in 1945 over the preceding year, the extent of the increase varied over a considerable range. The highest percentage increase was recorded in the Maritime Provinces where sales amounting to \$2,619,974 in 1945 were 35.5 per cent higher than in 1944. Gains of 22.4 per cent and 19.6 per cent were recorded for Saskatchewan and Quebec respectively while smaller increases ranging down to 8.9 per cent for Manitoba were reported for the other provinces. The provincial distribution of sales in 1944 and 1945 together with the percentage increase between the two years for the various provinces are shown in the following table.

Table 1. - Regional Distribution of Farm Implement and Equipment Sales, 1944-1945
(Values chiefly at wholesale prices)

Region	1944		1945		Per cent increase 1945/1944
	Amount	% of Canada total	Amount	% of Canada total	
	\$		\$		
CANADA	54,824,135	100.0	63,781,105	100.0	+ 16.3
Maritime Provinces	1,933,382	3.5	2,619,974	4.1	+ 35.5
Quebec	5,058,633	9.2	6,051,271	9.5	+ 19.6
Ontario	12,977,046	23.7	14,731,018	23.1	+ 13.5
Manitoba	7,224,039	13.2	7,868,572	12.3	+ 8.9
Saskatchewan	15,220,383	27.8	18,628,103	29.2	+ 22.4
Alberta	11,117,015	20.3	12,352,466	19.4	+ 11.1
British Columbia ...	1,293,637	2.3	1,529,701	2.4	+ 18.2

Regional Distribution of Repair Parts Sales

Sales of repair parts as reported by Canadian manufacturers and importers and based largely on wholesale values amounted to \$18,651,843 in 1945, a figure which exceeded by 9.2 per cent the corresponding amount for 1944. Almost three-quarters of the total expenditure on repair parts was made by residents of the Prairie Provinces; Ontario accounted for 17.1 per cent while the remainder was spread over Quebec, the Maritime Provinces and British Columbia. Sales of repair parts in British Columbia for 1945 were reported as 27.9 per cent lower than in the preceding year while all other regions reported gains ranging from 5.1 per cent for Quebec to 13.2 per cent for the Maritime Provinces. Sales figures for repair parts for Canada and the provinces are shown in the following table for 1944 and 1945.

Table 2. - Regional Distribution of Sales of Repair Parts, 1944 - 1945
(Sales chiefly at wholesale prices)

Region	1944		1945		Per cent increase 1945/1944
	Amount	% of Canada total	Amount	% of Canada total	
	\$		\$		
CANADA	17,084,138	100.0	18,651,843	100.0	+ 9.2
Maritime Provinces ...	428,906	2.5	485,418	2.6	+13.2
Quebec	1,090,567	6.4	1,146,026	6.1	+ 5.1
Ontario	2,897,238	17.0	3,192,293	17.1	+10.2
Manitoba	2,331,530	13.6	2,612,508	14.0	+12.1
Saskatchewan	6,116,175	35.8	6,688,345	35.9	+ 9.4
Alberta	3,883,580	22.7	4,284,989	23.0	+10.3
British Columbia	336,142	2.0	242,264	1.3	-27.9

Sales by Types of Equipment in Canada.

Planting, Seeding and Fertilizing Machinery.

Sales of the planting, seeding and fertilizing machinery group as a whole increased 36.0 per cent in value from \$2,134,941 in 1944 to \$2,903,364 in 1945. Most of this increase can be attributed to the marked gain in sales of grain drills of the plain type which increased from 3,024 units sold for \$734,834 in 1944 to 5,513 units sold for \$1,318,985 in 1945. Four wheel manure spreaders - horse or tractor drawn - also registered a major gain, the number increasing by 26.1 per cent from 4,672 in 1944 to 5,892 in 1945 while the corresponding value moved upward by 22.8 per cent from \$786,171 to \$965,042. Other classes of equipment reporting increases are corn planter combination grain and fertilizer sowers, fertilizer and lime sowers and two wheel manure spreaders. Potato planters, transplanters, beet and bean drills and grain drills of the press type recorded lower sales in 1945 than in 1944.

Plows.

Plow sales were valued at \$4,027,281 for 1945, up 18.4 per cent over the \$3,401,299 recorded for the preceding year. An outstanding feature of the plow section and a factor contributing in large measure to the overall gain in plow sales was the marked expansion in tractor mounted mouldboard plows whose sales increased from 1,508 units sold for \$131,932 in 1944 to 1,218 units sold for \$311,834 in 1945. One-way discs is another important classification which recorded a major increase from 6,133 units sold for \$1,998,470 in 1944 to 8,085 units sold for \$2,459,281 in 1945. Increased sales were also recorded for both one and two furrow walking plows and for two furrow tractor drawn mouldboard plows. On the other hand there were fewer of the large types of tractor drawn mouldboard plows sold in 1945 than in 1944. Decreased sales were also recorded for the more minor types such as sulky plows, riding gang plows, disc plows and breaker plows.

Tilling, Cultivating and Weeding Machinery.

Increased sales were general for the tilling, cultivating and weeding machinery group, every one of the seventeen individual categories for which figures are available showing an increase in number of units sold in 1945 compared with the previous year. Dollar sales for the group as a whole totalled \$2,916,469 in 1945, up 36.8 per cent over the \$2,131,578 recorded for 1944.

Approximately one-third of the total dollar volume of sales for this group represents field cultivators. There were 1,099 horse drawn field cultivators sold in 1945 compared with 596 in 1944. Tractor drawn cultivator sales numbered 3,492 in 1945, only slightly above the 3,225 units sold in 1944. A major gain was recorded for sales of tractor mounted field cultivators which increased by 82.1 per cent in number from 1,494 in 1944 to 2,720 in 1945.

In the corn cultivator category there were 1,106 horse drawn units sold in 1945 or 31.5 per cent more than in 1944. A much larger gain was reported for corn cultivators of the tractor mounted type whose sales increased from 1,652 implements sold for \$200,358 in 1944 to 3,496 implements sold for \$369,594 in 1945. Other categories within this major group which reported substantial increases include drag harrows, soil pulverizers and packers, and scufflers.

Haying Machinery.

Marked gains in 1945 over 1944 were recorded for most categories in the haying machinery class, dollar sales for the group as a whole increasing by 49.7 per cent from \$1,624,688 to \$2,432,452. The gain for horse drawn mowers, the most important individual class of implement in point of value of dollar volume of business in the group, exceeded by a considerable margin the percentage increase in sales for the group as a whole. There were 11,218 horse drawn mowers sold for \$1,089,490 in 1945, up 65.0 per cent in number and 66.4 per cent in dollar volume over the 6,800 mowers of a similar type which sold for \$654,645 in 1944. Dump rake sales increased 72.1 per cent in number from 4,936 in 1944 to 8,582 in 1945 while in the same interval hay loader sales increased by 11.7 per cent from 2,583 to 2,886.

Harvesting Machinery.

Dollar sales for the harvesting machinery group aggregated \$13,087,160 in 1945, up 37.1 per cent over the \$9,548,212 reported for the preceding year. Combines and grain binders form the most important classes of farm equipment within this major group. There were 6,838 new combines sold in Canada in 1945 compared with 5,335 in 1944. The 6,838 combines sold in 1945 included 2,181 units with cutting bar of 6 feet or under while the remaining 4,657 were of larger size. Of the six feet or under class, 1,445 or approximately two-thirds were of the power take-off type while 736 or about one-third were engine driven. About 63 per cent of these smaller tractors were sold in the Prairie Provinces while the remaining 37 per cent were sold in the remainder of Canada. On the other hand, the 4,657 larger machines of 6 feet or over were sold almost entirely in the Prairie Provinces, only 78 units of this type being delivered elsewhere. The 4,657 large machines included 1,887 units of the self propelled type, 1,910 engine driven machines and 860 power take-off units. Corresponding figures for 1944 show 1,318 self propelled, 1,465 engine driven and 737 power take-off machines sold.

There were 5,937 grain binders of the ground drive type sold in Canada in 1945, a gain of 64.3 per cent in number over the 3,614 binders of a similar type

sold in 1944. In addition there were 780 grain binders of the power take-off type sold in the year under review compared with 483 in the preceding year.

Swathers or windrowers form another important classification in the harvesting machinery group. There were 2,145 machines of this type sold in 1945 or almost double the 1,086 machines sold in the previous year. Increased sales compared with 1944 were also reported for corn binders, corn pickers, forage crop or ensilage harvesters and potato diggers.

Machines for Preparing Crops for Market or Use.

Sales for a group of farm equipment used primarily for preparing crops for market or use totalled \$2,751,009 in 1945, up 18.3 per cent over the \$2,324,838 recorded for the same group in the preceding year. Threshers, grain grinders and grain loaders and elevators form the most important classes of equipment within the group but ensilage cutters, fanning mills and hammermills are also of considerable importance. In the thresher classification there were 525 machines with feeder and blower attachments sold in Canada in 1945, down slightly from the 543 machines of a similar nature sold in 1944. There were also 468 smaller threshers sold in 1945 compared with 273 in the preceding year. There were 5,016 grain loaders and elevators sold in 1945, up 47.5 per cent over the 3,400 units sold in 1944.

Tractors and Engines.

Sales for the tractors and engines group as a whole declined in 1945 from 1944, the dollar volume of sales for the more recent year standing at \$20,295,673 or 8.7 per cent below the level of the earlier period. Tractor sales are now available in much greater detail than that shown in earlier reports. All tractors are first classified as wheel tractors, track type tractors (for farm use) and garden tractors. The wheel tractors are subdivided as between standard and general purpose or row crop machines and each of these categories is further broken down according to size.

There were 18,061 wheel tractors sold in Canada in 1945 of which 10,575 were of the standard type while 7,486 were of the general purpose type. Corresponding figures for 1944 show 20,601 wheel tractors sold including 11,946 standard and 8,715 general purpose machines. Declines from 1944 were general for most of the size categories within these two main subdivisions but there were three instances in which gains were recorded. Two plow standard tractors increased from 1,897 machines sold for \$1,122,199 in 1944 to 2,900 machines sold for \$2,111,051 in 1945. In the general purpose class increases were recorded for both the smallest and the largest size subdivisions while sales for the two intermediary size classifications registered declines below 1944 levels. There were 1,775 one plow general purpose machines sold for \$1,109,521 in 1945 compared with 741 machines which sold for \$501,652 in 1944. Sales of 3-4 plow or larger machines numbered 1,738 in 1945 and were valued at \$1,998,029, up 9.8 per cent in number and 17.7 per cent in value compared with the preceding year.

Although the number of garden tractors sold in the country is not large, the year 1945 witnessed a considerable expansion in this field. There were 615 garden tractors sold for \$182,664 in 1945 compared with 202 garden tractors which sold for \$54,832 in 1944.

Dairy Machinery and Equipment.

Sales of dairy machinery and equipment were valued at \$4,258,461 in 1945 or 22.8 per cent higher than the \$3,469,722 recorded for 1944. Included in this major category are 8,507 milking machines (complete equipment less pail units) which sold for \$866,875, up 38.4 per cent in number and 31.5 per cent in dollar volume compared with the preceding year. There were 17,237 milker pail units which sold for \$1,133,294 in 1945, up 42.4 per cent in number and 38.2 per cent in value compared with 1944. Cream separators form the other important subdivision in this group. There were 20,304 cream separators of 300 pounds capacity or over sold in Canada in 1945, practically unchanged from the 20,201 separators which were sold in 1944. A moderate increase was recorded in the number of smaller machines sold; 5,494 separators of 300 pounds capacity or less were sold in 1945, up 9.7 per cent over the 5,010 units sold in the previous year.

Other Types of Equipment.

Other major categories of equipment for which figures are shown and which are subdivided in considerable detail in the tables are spraying and dusting equipment whose sales totalled \$390,440 for 1945, farm wagons, trucks and sleighs with sales of \$788,296, domestic water systems and pumps with sales of \$3,003,007 barn equipment sales of \$1,252,871 poultry equipment sales of \$338,511 and miscellaneous farm equipment with sales of \$2,055,931.

Attachments.

Sales of attachments, when sold separately from the implements and equipment for which they were required, amounted to an additional \$3,278,320.

Sales by Types of Equipment in the Prairie Provinces

Table 4 presents an analysis of farm implement and equipment sales for the Prairie Provinces alone for 1944 and 1945 similar to that given in Table 3 for the country as a whole. In some instances it has been necessary to reduce the number of classifications for which figures are shown in view of the reduced numbers of firms reporting.

Only a brief summary of the general results for the Prairie Provinces is given here and the reader is referred to Table 4 for details regarding the volume of business transacted in individual categories. The overall gain in sales between 1944 and 1945 at 15.8 per cent for the Prairie Provinces was quite similar to the 16.3 per cent increase recorded for Canada as a whole. Increases for the Prairie Provinces were also markedly similar to the Dominion averages for some of the broad types of equipment into which the trade has been divided. The dollar value of plow sales averaged 18.4 per cent higher in 1945 than in 1944 in the Prairie Provinces compared with the country average of 18.3 per cent; the increase for harvesting machinery was also similar at approximately 37 per cent both for Canada and the Prairie Provinces. Tractor sales in the Prairie Provinces averaged 7.1 per cent lower in 1945 than in 1944 compared with a general average decline of 9.7 per cent. The Prairie Province increase in dollar sales for the haying machinery group at 79.0 per cent exceeded by a considerable margin the 49.7 per cent gain recorded in the Dominion totals, a result which can be attributed in large measure to the greater than average expansion in the sale of hay loaders and both dump and side delivery rakes in the Prairie Provinces. On the other hand the Prairie Province increase for the tilling, cultivating and weeding machinery group at 28.3 per cent was considerably below the Dominion average gain of 36.8 per cent. This is due in considerable measure to the reduced sales of tractor

drawn field cultivators in the Prairie Provinces, a class of implement of much lesser importance in other parts of the country.

Comparison of the detailed statistics as shown in Tables 3 and 4 reveals the importance of the Prairie market for certain types of farm equipment. All the 256 grain drills of the press type sold in 1945 went to this region as did also the 236 rod weeders sold. Practically all the soil pulverizers and packers, grain loaders and elevators, stock tank heaters, hay stackers, hay sweeps, swathers or windrowers and one-way discs were sold in the same territory. Other classes of equipment for which the Prairie Provinces secured 90 per cent or more of the total units sold in 1945 included riding gang plows, four furrow or larger tractor drawn plows, six foot combines or larger and standard wheel tractors of the largest sizes.

Table 3. - Farm Implement and Equipment Sales in Canada, by Types, 1944-1945
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
All Types, Total	-	\$ 54,824,135	-	-	\$ 63,781,105	+ 16.3
PLANTING, SEEDING AND FERTILIZING MACHINERY, TOTAL	-	2,134,941	-	-	2,903,364	+ 36.0
Corn Planters -						
Horse or tractor drawn	391	39,708	461	+ 17.9	47,429	+ 19.4
Tractor mounted	7	980	40	(a)	4,751	(a)
Potato Planters	486	74,261	467	- 3.9	69,292	- 6.7
Transplanters	137	17,256	60	- 56.2	7,528	- 56.4
Beet and Bean Drills	159	24,038	144	- 9.4	20,274	- 15.7
Grain and Fertilizer Drills (combination)	1,080	199,897	1,595	+ 47.7	279,665	+ 39.9
Grain Drills -						
Press	3,024	734,854	5,313	+ 32.3	1,318,985	+ 79.5
Fertilizer and Lime Sowers -	424	157,969	256	- 39.6	80,391	- 49.1
Horse or tractor drawn ..	169	17,763	204	+ 20.7	20,881	+ 17.6
Manure Spreaders - Horse or tractor drawn -						
Four wheel	4,672	786,170	5,892	+ 26.1	965,042	+ 22.8
Two wheel	582	72,608	674	+ 15.8	84,697	+ 16.6
All other Planting, Seeding and Fertilizing Machinery	-	9,457	-	-	4,429	- 53.2
PLOWS, TOTAL	-	3,401,299	-	-	4,027,281	+ 18.4
Mouldboard Plows - Horse drawn -						
Walking plows -						
One furrow	6,518	128,683	7,507	+ 15.2	155,105	+ 20.3

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(Values chiefly at wholesale prices)

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Type	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
Mouldboard Plows - (cont'd)						
Two furrow	590	28,140	1,048	+ 77.6	57,727	(a)
Sulky plows - one furrow	42	3,116	10	- 76.2	953	- 69.4
Riding gang plows - two furrow	311	38,766	296	- 4.8	38,345	- 1.1
Mouldboard Plows - Tractor drawn -						
Two furrow	2,994	360,348	3,632	+ 21.3	421,039	+ 16.8
Three furrow	2,852	445,962	2,788	- 2.2	426,666	- 4.3
Four furrow or larger ..	843	190,351	603	- 28.5	132,092	- 30.6
Mouldboard Plows - Tractor mounted	1,569	131,932	4,218	(a)	311,834	(a)
Disc Plows -						
Horse drawn	142	15,246	72	- 49.3	7,688	- 49.6
Tractor drawn	133	33,687	6	- 95.5	811	- 97.6
One-way Discs	6,133	1,998,470	8,085	+ 31.8	2,459,289	+ 23.1
Breaker Plows	162	22,093	54	- 66.7	4,560	- 79.4
All other Plows	89	4,205	316	(a)	11,172	(a)
TILLING, CULTIVATING AND WEEDING MACHINERY,						
TOTAL	-	2,131,578	-	-	2,916,469	+ 36.8
Harrows -						
Drag harrows (sections)	12,924	87,408	33,525	(a)	196,566	(a)
Spring tooth harrows (sections).....	5,671	146,287	6,802	+ 19.9	151,807	+ 3.8
Disc harrows -						
Horse drawn	3,224	196,297	3,834	+ 18.9	222,512	+ 13.4
Tractor drawn -						
Single	406	73,022	703	+ 73.2	114,651	+ 57.0
Tandem	2,768	329,684	3,256	+ 17.6	372,053	+ 12.9
Soil Pulverizers and Packers (including trailer packers)	852	55,258	2,058	(a)	139,877	(a)
Scufflers and Cultivators -						
Scufflers	6,052	75,735	11,467	+ 89.5	143,235	+ 89.1
Corn cultivators -						
Two horse	841	65,481	1,106	+ 31.5	83,858	+ 28.1
Tractor mounted	1,652	200,358	3,496	(a)	369,594	+ 84.5
Field cultivators -						
Horse drawn	596	70,642	1,099	+ 84.4	129,890	+ 83.9
Tractor drawn	3,225	539,546	3,492	+ 8.3	526,748	- 2.4
Tractor mounted	1,494	160,903	2,720	+ 82.1	254,092	+ 57.9
Beet, bean and vegetable cultivators -						
Horse or tractor drawn	92	9,650	153	+ 66.3	15,781	+ 63.5

Table 3. - Farm Implement and Equipment Sales in Canada, by Types, 1944-1945
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1944		1945			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
Scufflers and Cultivators (cont'd) -						
Tractor mounted	84	8,907	141	+ 67.9	12,665	+ 42.2
Rod Weeders	205	19,282	236	+ 15.1	21,604	+ 12.0
Wire and Blade Weeders ...	457	55,446	785	+ 71.8	115,219	(a)
Hand Operated Wheeled Cultivators and Weeders	188	2,197	209	+ 11.2	1,763	- 19.8
All other Cultivating and Weeding Machinery	-	35,475	-	-	44,554	+ 25.6
HAYING MACHINERY, TOTAL	-	1,624,688	-	-	2,432,452	+ 49.7
Mowers -						
Horse drawn	6,800	654,645	11,218	+ 65.0	1,089,490	+ 66.4
Tractor drawn	123	17,741	351	(a)	44,120	(a)
Tractor mounted	653	89,713	745	+ 14.1	82,962	- 7.5
Hay Loaders	2,583	344,184	2,886	+ 11.7	388,437	+ 12.9
Dump Rakes	4,986	272,509	8,582	+ 72.1	466,989	+ 71.4
Side Delivery Rakes	935	128,613	1,101	+ 17.8	151,017	+ 17.4
Sweeps -						
Hay sweeps - horse	178	10,821	223	+ 25.3	13,030	+ 20.4
Hay or stock sweeps -						
Tractor	215	22,709	401	+ 86.5	39,093	+ 72.1
Hay Stalkers (overshot) ..	181	26,276	317	+ 75.1	47,955	+ 82.5
Pick-up Hay Balers -						
Power take-off	8	8,500	18	(a)	22,627	(a)
Engine driven	38	42,430	67	+ 76.3	74,840	+ 76.4
All other Haying Machinery	-	6,547	-	-	11,892	+ 81.6
HARVESTING MACHINERY, TOTAL	-	9,548,212	-	-	13,087,160	+ 37.1
Combine Reaper Threshers -						
Six feet and under -						
Power take-off	1,084	765,795	1,445	+ 32.1	1,004,590	+ 31.2
Engine driven	721	693,906	736	+ 2.1	667,850	- 3.8
Over six feet -						
Power take-off	737	796,613	860	+ 16.7	908,213	+ 14.0
Engine driven	1,465	2,226,622	1,910	+ 30.4	2,892,721	+ 29.9
Self propelled	1,318	3,102,195	1,887	+ 43.2	4,455,272	+ 43.6
Swathers or Windrowers ...	1,063	391,808	2,145	+ 96.2	769,166	+ 96.3
Grain Binders -						
Ground drive	3,614	996,610	5,937	+ 64.3	1,643,659	+ 64.9
Power take-off	483	180,585	780	+ 61.5	276,234	+ 53.0
Corn Binders	269	66,072	405	+ 50.6	100,672	+ 52.7

Table 3. - Farm Implement and Equipment Sales in Canada, by Types, 1944-1945.
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
Corn Pickers -						
Pull type	156	90,449	170	+ 9.0	94,269	+ 4.2
Tractor mounted	5	3,578	9	+80.0	4,704	+31.5
Forage Crop and Ensilage						
Harvesters	37	17,852	63	+70.3	36,505	(a)
Potato Diggers -						
Traction	860	130,898	892	+ 3.7	128,737	- 1.7
Power take-off	110	32,012	127	+15.5	35,339	+12.0
Beet Lifters - Horse or						
tractor drawn	148	13,101	149	+ 0.7	15,064	+15.0
All other Harvesting Machinery -		40,116	-	-	53,465	+33.3
MACHINES FOR PREPARING CROPS FOR MARKET OR USE,						
TOTAL	-	2,524,338	-	-	2,751,009	+18.3
Threshers -						
With feeder and blower	543	465,824	525	- 3.3	561,059	+20.4
All other	273	40,535	468	+71.4	106,020	(a)
Ensilage or Forage Crop						
Blowers or Elevators	23	9,620	47	(a)	14,207	+47.7
Ensilage Cutters	435	154,430	509	+17.0	179,703	+16.4
Feed Cutters, hand and						
power	67	3,670	204	(a)	8,930	(a)
Corn Shellers -						
Hand	12	199	28	(a)	572	(a)
Power	27	1,702	46	+70.4	7,017	(a)
Grain Grinders -						
6" or less	2,937	288,512	2,852	- 4.5	290,295	+ 0.6
Over 6"	9,300	474,320	9,172	- 1.4	460,740	- 2.9
Fanning Mills and Grain						
Cleaners -						
Hand	1,449	92,018	1,520	+ 4.9	97,063	+ 5.5
Power	213	40,380	244	+14.6	58,430	+44.7
Hammermills	1,175	154,804	1,228	+ 4.5	159,736	+ 3.2
Feed Mixers	168	34,906	669	(a)	64,961	+36.1
Maple Syrup Evaporators ..	448	75,611	566	+26.3	92,067	+21.8
Grain Loaders and Elevators	3,400	344,718	5,016	+47.5	482,435	+40.0
All other Machines for Preparing Crops for Market or Use	-	143,581	-	-	165,774	+15.5

Table 3. - Farm Implement and Equipment Sales in Canada, by Types, 1944-1945
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1944		1945			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
TRACTORS AND ENGINES, TOTAL	30,057	22,487,371	28,541	- 5.0	20,295,673	- 9.7
Wheel Tractors -						
Standard -						
1 plow (approx. min. drawbar HP-9)....	337	203,191	155	- 54.0	109,729	- 46.0
2 plow (approx. min. drawbar HP-12)...	1,897	1,122,199	2,900	+ 52.9	2,111,051	+ 88.1
2-3 plow (approx. min. drawbar HP-16)	3,771	4,009,593	3,183	- 15.6	3,478,210	- 13.3
3-4 plow (approx. min. drawbar HP-20)...	3,874	5,203,201	2,687	- 30.6	3,907,223	- 24.9
Larger.....	2,067	3,087,529	1,650	- 20.2	2,538,393	- 17.8
General purpose (row crop) -						
1 plow (approx. min. drawbar HP-9)....	741	501,652	1,775	(a)	1,109,621	(a)
2 plow (approx. min. drawbar HP-12)...	3,738	2,631,492	2,247	- 39.9	1,568,164	- 40.4
2-3 plow (approx. min. drawbar HP-16)...	2,653	2,568,731	1,726	- 34.9	1,652,131	- 35.7
Larger	1,583	1,697,498	1,738	+ 9.8	1,998,029	+ 17.7
Track Type Tractors (farm use)	149	288,611	267	+ 79.2	555,252	+ 92.4
Garden Tractors	202	54,982	615	(a)	182,664	(a)
Stationary Engines and Power Units -						
Less than 5 HP	6,490	672,748	8,215	+ 26.6	865,003	+ 28.6
5 HP and larger	2,555	445,944	1,383	- 45.9	220,203	- 50.6
SPRAYING AND DUSTING EQUIPMENT, (ORCHARD OR GARDEN), TOTAL	41,824	296,811	48,889	+ 16.9	390,440	+ 31.5
Sprayers and Dusters, Hand (including barrel and wheelbarrow)	41,144	87,641	47,899	+ 16.4	102,304	+ 16.7
Sprayers and Dusters, Traction	394	71,180	560	+ 42.1	101,287	+ 42.3
Sprayers and Dusters, Power	286	137,990	430	+ 50.3	186,849	+ 35.4

Table 5. - Farm Implement and Equipment Sales in Canada, by Types, 1944-1945
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
FARM WAGONS, TRUCKS AND SLEIGHS, TOTAL ..	-	\$ 445,865	-	-	\$ 788,296	+ 76.8
Wagon Boxes	1,260	47,797	1,963	+ 55.8	71,896	+ 50.4
Wagon Gears (wooden wheel, standard)	1,298	106,638	2,054	+ 58.2	174,693	+ 63.8
Farm Trucks (low wheel, steel)	2,533	174,832	3,303	+ 30.4	266,208	+ 52.3
Rubber Tired Gears or Trailers	29	5,458	504	(a)	85,911	(a)
All other Farm Wagons, Sleighs and Trucks	-	111,140	-	-	189,588	+ 70.6
DOMESTIC WATER SYSTEMS AND PUMPS, TOTAL	80,350	2,200,435	98,958	+ 23.2	3,003,867	+ 36.5
Hand Well Pumps (wood or metal)	23,914	374,238	29,930	+ 25.2	498,107	+ 33.1
Domestic Water Systems - Deep well (except jets)	4,014	406,424	5,852	+ 45.8	586,983	+ 44.4
Shallow well (except jets)	9,668	760,576	11,570	+ 19.7	939,873	+ 23.6
Jet type	104	12,670	307	(a)	37,274	(a)
Windmill Heads and Wheels	1,004	50,827	1,370	+ 36.5	70,138	+ 38.0
Windmill Towers	454	31,570	620	+ 36.6	44,073	+ 39.6
Pump Jacks	1,478	31,265	2,321	+ 57.0	47,333	+ 51.4
All other Pumps	39,714	532,865	46,988	+ 18.3	780,086	+ 46.4
DAIRY MACHINERY AND EQUIPMENT, TOTAL	-	3,469,722	-	-	4,259,461	+ 22.3
Milking Machines (complete equipment less pail units)	6,146	659,274	8,507	+ 38.4	866,975	+ 31.5
Milker Pail Units	12,108	614,201	17,237	+ 42.4	1,133,294	+ 39.2
Cream Separators - 300 lbs. and under ...	5,010	182,324	5,494	+ 9.7	168,432	- 7.6
Over 300 lbs.	20,201	1,461,412	20,304	+ 0.5	1,531,105	+ 4.8
Farm Milk Coolers (electrical refrigeration type)	1,173	265,057	1,595	+ 36.0	364,173	+ 37.4
Butter churns (farm use).	7,716	64,938	7,316	- 5.2	92,079	+ 43.0
All other Dairy Machinery and Equipment	-	22,516	-	-	102,603	(a)
BARN EQUIPMENT, TOTAL	-	1,067,239	-	-	1,252,871	+ 17.4
Complete Litter Carriers	1,456	74,845	1,505	+ 3.4	79,101	+ 5.7

Table 3. - Farm Implement and Equipment Sales in Canada, by Types, 1944-1945
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
Track for Feed and Litter						
Carriers (feet).....	362,354	127,788	514,010	+ 41.9	186,668	+ 46.1
Hay Forks	959	5,590	1,157	+ 20.6	6,824	+ 23.9
Hay Fork Carriers	3,125	63,706	2,179	- 30.3	41,620	- 34.7
Track for Hay Carriers						
(feet)	197,177	62,849	299,765	+ 52.0	97,645	+ 55.4
Stable Stalls and Live-						
stock Pens (units) ...	14,110	319,451	13,367	- 5.3	300,965	- 5.8
Cattle Stanchions	24,455	83,262	21,251	- 13.1	72,483	- 12.9
Stock Watering Cups and						
Bowls	20,314	116,077	31,038	+ 52.8	174,567	+ 50.4
Stock Tank Heaters (wood						
or coal)	5,861	54,117	6,853	+ 15.0	62,628	+ 15.7
Miscellaneous Barn						
Equipment	-	159,554	-	-	230,260	+ 44.3
POULTRY FARM EQUIPMENT,						
TOTAL	-	283,432	-	-	338,511	+ 19.4
Incubators -						
150 egg and under ...	1,177	22,202	1,008	- 14.4	19,914	- 10.3
Over 150 egg capacity	43	23,188	38	- 11.6	3,935	- 83.0
Brooders -						
Coal, wood or oil ...	8,266	104,101	8,196	- 0.8	98,918	- 5.0
Electric	3,032	74,147	3,232	+ 6.6	78,610	+ 6.0
Egg Handling Equipment	-	2,201	-	-	5,022	(a)
Miscellaneous Poultry						
Farm Equipment	-	57,593	-	-	132,112	(a)
MISCELLANEOUS FARM						
EQUIPMENT, TOTAL ...	-	1,230,571	-	-	2,055,931	+ 67.1
Beekeepers' Supplies ...	-	445,906	-	-	443,469	- 0.5
Electric Fence Controllers	45,413	402,152	28,931	- 36.3	247,528	- 38.4
Wood Sawing Machines ...	581	33,560	986	+ 69.7	55,522	+ 65.4
Winchchargers -						
Six volt	476	14,692	394	- 17.2	13,591	- 7.5
Other	552	98,933	620	+ 12.5	114,206	+ 15.4
Electric Lighting Plants	119	33,735	2,675	(a)	877,751	(a)
Miscellaneous Equipment	-	201,593	-	-	303,864	+ 50.7
ATTACHMENTS FOR FARM						
IMPLEMENTS AND						
EQUIPMENT, TOTAL ...	-	2,177,133	-	-	3,278,320	+ 50.6

Table 4. - Farm Implements and Equipment Sales in the Prairie Provinces only,
by Types, 1944-1945

(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
All Types, Total	-	\$ 33,561,437	-	-	\$ 38,849,141	+ 15.8
PLANTING, SEEDING AND FERTILIZING MACHINERY, TOTAL	-	834,107	-	-	1,171,281	+ 40.4
Corn Planters	17	1,799	21	+ 23.5	2,231	+ 24.0
Potato Planters	41	5,371	50	+ 22.0	6,523	+ 21.4
Beet and Bean Drills	34	6,559	86	(a)	12,350	+ 88.3
Grain Drills -						
Plain	2,058	571,178	3,521	+ 71.1	991,225	+ 73.5
Press	424	157,970	256	- 39.6	80,390	- 49.1
Manure Spreaders - Horse or tractor drawn	448	85,006	411	- 8.3	76,011	- 10.6
All other Planting, Seeding and Fertilizing Machinery	-	6,224	-	-	2,551	- 41.0
PLOWS, TOTAL	9,180	2,465,957	11,416	+ 24.4	2,817,823	+ 18.3
Mouldboard Plows - Horse drawn -						
Walking plows - one furrow	152	3,848	106	- 30.3	2,436	- 36.7
Sulky plows - one furrow	30	2,386	7	- 76.7	760	- 68.1
Riding gang plows - two furrow	305	37,874	239	- 5.2	37,555	- 0.8
Mouldboard Plows - Tractor drawn -						
Two furrow	275	35,993	866	(a)	109,116	(a)
Three furrow	1,004	171,313	1,242	+ 23.7	201,981	+ 17.9
Four furrow or larger	834	189,101	593	- 28.9	130,744	- 30.9
Mouldboard Plows - tractor mounted	393	30,676	419	+ 6.6	27,113	- 11.6
Disc Plows	154	34,234	18	- 88.3	1,707	- 95.0
One-way Discs	5,918	1,942,698	7,845	+ 32.6	2,403,690	+ 23.7
Breaker Plows	106	16,152	24	- 77.4	2,151	- 86.7
All other Plows	9	1,682	7	- 22.2	570	- 66.1
TILLING, CULTIVATING AND WEEDING MACHINERY, TOTAL -	-	1,113,422	-	-	1,428,360	+ 28.3
Harrows -						
Drag harrows (sections)	9,585	61,259	26,721	(a)	151,346	(a)

Table 4. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1944-1945

(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
Harrows - (cont'd)						
Spring tooth harrows (sections)	950	23,160	300	- 68.4	8,204	- 64.6
Disc harrows	708	56,221	651	- 8.1	55,721	- 0.9
Horse drawn						
Tractor drawn	480	88,805	656	+ 36.7	121,088	+ 36.4
Single	564	92,794	648	+ 14.9	92,780	(unc.)
Tandem						
Soil Pulverizers and Packers (including trailer packers)	794	51,104	2,049	(a)	139,365	(a)
Scufflers and Cultivators -						
Scufflers	327	10,205	1,892	(a)	23,602	(a)
Corn cultivators						
Two horse	87	6,592	78	- 10.3	5,787	- 12.2
Tractor mounted	124	14,861	103	- 16.9	9,647	- 35.1
Field cultivators -						
Horse drawn	283	36,082	603	(a)	76,525	(a)
Tractor drawn	2,775	491,811	2,601	- 6.3	433,996	- 11.8
Tractor mounted	859	91,010	1,640	+ 90.9	152,449	+ 67.5
Beet, bean and vegetable cultivators -						
Horse or tractor drawn	30	2,380	22	- 26.7	1,695	- 28.8
Tractor mounted	45	5,619	65	+ 44.4	8,911	+ 58.6
Rod Weeders	203	19,194	236	+ 16.3	21,603	+ 12.6
Wire and Blade Weeders ...	345	48,536	641	+ 85.8	107,074	(a)
All other Cultivating and Weeding Machinery	-	13,789	-	-	18,567	+ 34.7
HAYING, MACHINERY, TOTAL	-	360,933	-	-	646,124	+ 79.0
Mowers -						
Horse drawn	1,793	179,709	2,932	+ 63.5	300,269	+ 67.1
Tractor drawn	90	12,941	245	(a)	34,820	(a)
Tractor mounted	121	17,881	130	+ 7.4	15,196	- 15.0
Hay Loaders	100	18,255	150	+ 50.0	30,072	+ 64.7
Dump Rakes	757	43,654	1,871	(a)	108,399	(a)
Side Delivery Rakes	30	12,098	135	+ 68.8	19,932	+ 64.8
Sweeps -						
Hay sweeps - horse	174	10,575	223	+ 28.2	13,030	+ 23.2
Hay or stock sweeps - tractor	215	22,708	394	+ 83.3	38,599	+ 70.0
Hay Stackers (overshot) ..	181	26,276	314	+ 73.5	47,462	+ 80.6
All other Haying Machinery	-	16,836	-	-	38,345	(a)

Table 4. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1944-1945
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1944		1945			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
HARVESTING MACHINERY, TOTAL	-	8,235,091	-	-	11,304,157	+ 37.3
Combine Reaper Threshers -						
Six feet and under -						
Power take-off	629	453,918	795	+ 26.4	573,178	+ 26.3
Engine driven	673	644,523	584	- 13.2	529,711	- 17.8
Over six feet -						
Power take-off	754	815,771	860	+ 14.1	908,555	+ 11.4
Engine driven	1,441	2,193,653	1,905	+ 32.2	2,886,821	+ 31.6
Self propelled	1,292	3,031,536	1,814	+ 40.4	4,380,519	+ 44.5
Swathers or Windrowers ..	1,089	390,788	2,141	+ 96.6	768,183	+ 96.6
Grain Binders -						
Ground drive	1,739	495,110	3,119	+ 79.4	914,196	+ 84.6
Power take-off	418	160,450	607	+ 45.2	251,800	+ 56.9
Corn Binders	9	2,216	13	+ 44.4	3,382	+ 52.6
Potato Diggers	72	112,224	97	+ 34.7	17,276	+ 41.3
Beet Lifters - Horse or tractor drawn	83	8,301	83	(unc.)	10,484	+ 26.3
All other Harvesting Machinery	-	26,601	-	-	60,052	(a)
MACHINES FOR PREPARING CROPS FOR MARKET OR USE, TOTAL	-	1,244,481	-	-	1,396,361	+ 12.2
Threshers	70	89,732	93	+ 32.9	127,091	+ 41.6
Ensilage Cutters	43	14,417	50	+ 16.3	14,925	+ 3.5
Corn Shellers	1	17	10	(a)	2,061	(a)
Grain Grinders	10,327	531,543	9,951	- 3.6	496,491	- 6.6
Fanning Mills and Grain Cleaners	1,562	102,908	1,606	+ 2.8	107,827	+ 4.8
Hammermills	647	95,960	790	+ 22.1	105,903	+ 10.4
Feed Mixers	20	2,900	273	(a)	12,798	(a)
Grain Loaders and Elevators	3,339	338,542	4,941	+ 48.0	476,105	+ 40.6
All other Machines for Preparing Crops for Market or Use	-	68,462	-	-	53,140	- 22.4
TRACTORS AND ENGINES, TOTAL	13,489	14,846,028	17,351	- 6.2	13,789,808	- 7.1
Wheel Tractors -						
Standard -						
1 plow (approx. min. drawbar HP-9)	171	110,454	115	- 32.7	83,276	- 24.6

Table 4. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1944-1945

(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
Wheel Tractors - (cont'd)						
2 plow (approx. min. drawbar HP-12)	683	610,767	1,341	+ 96.3	1,130,026	+ 85.0
2-3 plow (approx. min. drawbar HP-16)	2,006	2,108,263	2,088	+ 4.1	2,277,156	+ 8.0
3-4 plow (approx. min. drawbar HP-20)	3,434	4,689,256	2,377	- 30.8	3,526,120	- 24.8
Larger	1,876	2,945,413	1,579	- 20.1	2,423,975	- 17.7
General purpose (row crop) =						
1 plow (approx. min. drawbar HP-9)	227	151,636	687	(a)	435,063	(a)
2 plow (approx. min. drawbar HP-12)	1,442	1,039,150	821	- 43.1	573,531	- 44.8
2-3 plow (approx. min. drawbar HP-16)	834	817,704	552	- 33.8	551,208	- 32.6
Larger	1,348	1,437,314	1,417	+ 5.1	1,630,605	+ 13.4
Track Type Tractors (Farm use)	88	189,420	196	(a)	418,516	(a)
Garden Tractors	22	6,514	160	(a)	55,236	(a)
Stationary Engines and Power Units =						
Less than 5 H.P.	4,943	513,587	5,374	+ 8.7	581,408	+ 13.2
5 H.P. and larger	1,315	226,520	644	- 51.0	103,685	- 54.2
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN), TOTAL	8,600	33,440	8,201	- 4.6	44,315	+ 32.5
Sprayers and Dusters, Hand or Traction	8,574	23,720	8,149	- 5.0	25,107	+ 5.8
Sprayers, Power	26	9,720	52	+100.0	19,208	+ 97.6
FARM WAGONS, TRUCKS AND SLEIGHS, TOTAL ...	-	190,021	-	-	311,141	+ 63.7
Wagon Boxes	1,008	41,846	1,391	+ 38.0	60,849	+ 45.4
Wagon Gears (wooden wheel, standard)	217	17,907	406	+ 88.5	37,661	(a)
Farm Trucks (low wheel, steel)	1,040	68,071	1,321	+ 27.0	97,991	+ 44.0
Rubber Tired Gears or Trailers	10	1,574	128	(a)	23,777	(a)
All other Farm Wagons, Sleighs and Trucks	-	60,623	-	-	90,863	+ 49.9

Table 4. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1944-1945

(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
DOMESTIC WATER SYSTEMS AND PUMPS, TOTAL	24,697	595,609	33,076	+ 33.9	837,753	+ 49.1
Hand Well Pumps (wood or metal)	12,384	207,631	15,533	+ 25.4	251,820	+ 21.3
Domestic Water Systems -						
Deep well (except jets)	1,182	124,778	1,748	+ 47.9	179,043	+ 43.5
Shallow well (except jets)	945	83,497	1,120	+ 18.5	99,256	+ 18.9
Windmill Heads and Wheels	552	26,153	751	+ 36.1	36,582	+ 39.9
Windmill Towers	311	21,149	588	+ 89.1	43,775	(a)
Pump Jacks	935	15,992	1,073	+ 14.8	21,178	+ 32.4
All other Pumps, etc. (including jet type and domestic water systems)	8,388	116,409	12,263	+ 46.2	256,094	(a)
DAIRY MACHINERY AND EQUIPMENT, TOTAL	-	1,082,120	-	-	921,900	- 14.8
Milking Machines (complete equipment less pail units)	854	97,467	1,009	+ 18.1	100,965	+ 3.6
Milker Pail Units	1,549	112,445	1,833	+ 18.3	121,411	+ 8.0
Cream Separators -						
300 lbs. and under	4,255	155,059	3,307	- 22.3	112,150	- 27.7
Over 300 lbs.	10,983	693,172	9,383	- 14.6	568,493	- 18.0
Farm Milk Coolers (electrical refrigeration type)	45	5,324	35	- 22.2	3,620	- 32.0
All other Dairy Machinery and Equipment	-	18,653	-	-	15,261	- 18.2
BARN EQUIPMENT, TOTAL	-	230,297	-	-	288,281	+ 25.2
Hay Fork Carriers	285	6,038	347	+ 21.8	4,839	- 19.9
Stock Watering Cups and Bowls	1,066	6,116	1,831	+ 71.8	10,632	+ 73.8
Stock Tank Heaters (wood or coal)	5,931	53,819	6,813	+ 14.9	62,218	+ 15.6
Miscellaneous Barn Equipment	-	164,324	-	-	210,592	+ 28.2

Table 4. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1944-1945

Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

	1 9 4 4		1 9 4 5			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
POULTRY FARM EQUIPMENT, TOTAL	-	110,638	-	-	147,492	+ 33.3
Brooders (coal, wood, oil or electric)	5,849	67,620	5,977	+ 2.2	69,222	+ 2.4
Miscellaneous Poultry Farm Equipment	-	43,018	-	-	78,270	+ 81.9
MISCELLANEOUS FARM EQUIPMENT, TOTAL	-	644,920	-	-	1,196,197	+ 85.5
Beekeepers' Supplies	-	234,999	-	-	241,535	+ 2.8
Electric Fence Controllers	26,584	161,641	5,293	- 80.1	32,801	- 79.7
Windchargers -						
Six volt	457	13,856	380	- 16.8	12,898	- 6.9
Other	533	96,305	592	+ 11.1	110,160	+ 14.4
Electric Lighting Plants .	119	33,735	2,097	(a)	663,503	(a)
Miscellaneous Equipment ..	-	104,384	-	-	135,300	+ 29.6
ATTACHMENTS FOR FARM IMPLEMENTS AND EQUIPMENT, TOTAL	-	1,574,373	-	-	2,398,143	+ 52.3

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SALES OF FARM IMPLEMENTS AND EQUIPMENT IN CANADA, 1944

General Summary

Dollar sales of farm implements and equipment in Canada registered a marked increase in 1944 over 1943 according to results of the annual survey of this trade made by the Merchandising and Services Branch of the Dominion Bureau of Statistics. Domestic sales of implements and equipment, mainly at wholesale prices to dealers or agents, totalled \$54,616,657 in 1944, up 84.7 per cent over the \$29,562,493 recorded for 1943 and a somewhat higher figure than the \$52,106,069 and \$50,461,523 reported for 1941 and 1942 respectively. These figures relate to the sale of new equipment and machinery only and do not include the sale of parts, binder twine or motor trucks. The figures are based on reports received from manufacturers and from mail-order houses and other distributors of imported machinery and, as already stated, they are chiefly on a wholesale price basis. Most of the statements on which this report is based relate to the calendar year 1944 or to a fiscal year ending on October 31 or November 30, 1944. Supplementary information regarding average mark-up percentages as reported by the various firms indicate that the total sales figure quoted for 1944 should be increased by 18.3 per cent to bring it to a retail basis. It would, therefore, appear that Canadian farmers spent approximately \$64,600,000 for new equipment and machinery in 1944.

Information relating to the sale of repair parts was collected in connection with this annual survey for the first time for 1944. Sales thus reported, again chiefly at wholesale prices, totalled \$18,186,701. On applying an average mark-up of 31 per cent as reported by the various firms to this total, a total retail value for repair parts amounting to \$23,825,000 is obtained.

The marked increase of 84.7 per cent in the wholesale value of new machinery and equipment sold in 1944 compared with 1943 may be attributed in part to the

Note: Figures shown for 1943 in this bulletin have been revised in some instances from those contained in the corresponding report issued a year ago. Figures for years dating back to 1936 are contained in a special summary entitled "Farm Implement and Equipment Sales in Canada, 1936-1943". This report may be obtained from the Dominion Bureau of Statistics, Ottawa.

record farm cash income in the year under review and in part to increased production and import quotas. More than 70 per cent of the actual increase in dollar volume was accounted for by increases in the sales of two items, namely, combines and tractors. Furthermore, the \$54,616,657 dollar volume of sales in 1944 compared with \$52,106,069 for 1943 should not be taken to mean that the numbers of the various types of farm equipment sold in 1944 were generally on a par or greater than in the earlier period. The reverse was generally the case. But hayloaders, combines, swathers, stationary engines and milking machines constitute five important implement or equipment classes in which the number of units sold in 1944 did exceed the corresponding figures for 1943.

Regional Distribution

All regions of the country for which separate figures are compiled recorded marked increases in farm implement and equipment sales in 1944 compared with 1943 but the increases in Manitoba and Saskatchewan exceeded by a considerable margin those reported for other provinces. The Provincial distribution of sales together with the percentage increase between the two years for the various provinces is shown in the following table.

Table 1 - Regional Distribution of Farm Implement and Equipment Sales, 1943 and 1944
(Values chiefly at wholesale prices)

Region	1 9 4 3		1 9 4 4		Per cent increase 1944/1943
	Amount	% of Canada total	Amount	% of Canada total	
CANADA	\$ 29,563,492	100.0	\$ 54,616,657	100.0	+84.7
Maritime Provinces	1,117,069	3.8	1,951,913	3.6	+75.7
Quebec	3,170,189	10.7	5,175,518	9.5	+63.3
Ontario	7,262,303	24.6	13,106,462	24.0	+80.5
Manitoba	3,485,141	11.8	6,810,623	12.5	+95.4
Saskatchewan	7,548,081	25.5	15,246,230	27.9	+102.0
Alberta	6,188,158	20.9	11,050,481	20.2	+78.6
British Columbia ...	797,572	2.7	1,275,432	2.3	+59.9

Sales by Types

Sales of the planting and seeding machinery group increased 40.0 per cent in dollar value between 1943 and 1944, all types for which separate figures are available excepting only press drills contributing to the increase. Regular type drills and manure spreaders form the two most important classifications within this major group. Of regular type drills there were 4,065 sold for \$960,817 in 1944, up 41 per cent in number and 32 per cent in value compared with the preceding year. There were 5,267 manure spreaders sold for \$862,473 in 1944, the increases in this instance over 1943 amounting to 96 per cent in number of units and 100 per cent in dollar volume.

Sales in the tillage machinery group were valued at \$5,683,621 for 1944, up 12 per cent compared with the preceding year. Cultivator and harrow sales were considerably higher in 1944 than in 1943, whereas, with the exception of tractor-drawn mouldboard plows, plow sales were generally lower than in the earlier period. There were 7,380 single furrow walking plows sold in 1944, down 4 per cent from the 7,668 units sold in 1943. Tiller combine sales declined by 6 per cent from 6,482 units in

1943 to 6,093 in 1944. On the other hand, tractor-drawn mouldboard plow sales numbered 8,272 in 1944, a gain of 45 per cent over the number sold in the preceding year.

Marked increases in sales between 1943 and 1944 were general in the haying machinery group, dollar sales for the group as a whole amounting to \$1,838,770 for 1944, up almost 67 per cent over the dollar volume for the earlier period. Included in these totals are 7,591 mowers which sold for \$767,254 in 1944, up 54 per cent in number and 49 per cent in value over 1943. Hay loader sales increased by 86 per cent in number from 1,387 in 1943 to 2,583 in 1944. The increase for dump rakes was even greater. There were 4,971 dump rakes sold for \$272,248 in 1944, up 126 per cent in number and 127 per cent in value compared with the corresponding figures for the previous year.

Sales for the harvesting machinery group totalled \$10,269,442 in 1944, up 114 per cent over the \$4,788,962 recorded for 1943. Contributing largely to this major increase were combine sales of 5,333 units for \$7,578,723 in 1944, up 113 per cent in number and 132 per cent in value compared with the preceding year. Swather sales increased in number from 245 in 1943 to 1,093 in 1944. Grain binders also recorded major increases. There were 4,084 grain binders sold for \$1,193,891 in the year under review, up 77 per cent in number and 75 per cent in value over the preceding twelve-month period.

Tractor sales numbered 20,582 and were valued at \$21,929,662 in 1944, these figures reflecting increases of 152 per cent in number and 161 per cent in value compared with the 8,184 units which sold for \$8,389,575 in 1943. Included in the figures reported for 1944 by the various firms for this category were 423 tractors of the caterpillar (crawler) type which sold for \$794,023 compared with 164 units which sold for \$434,830 in the previous year. Sales of stationary engines also recorded a major increase, 8,991 units selling for \$1,102,483 in 1944 compared with 4,442 units which sold for \$515,392 in 1943.

In connection with this annual survey data are secured relating to the sale of a miscellaneous group of farm equipment and supplies. In the main, these figures are based upon the reports received from firms dealing also in the heavier types of equipment although they do include reports from some other distributors known to be engaged in the sale of these items. The coverage of firms engaged in the sale of heavier equipment is known to be satisfactorily complete but the same completeness for distributors specializing in the sale of the smaller types of equipment cannot be guaranteed. For this reason the figures shown in this report for some items in the miscellaneous group may not cover the total domestic sales of these commodities.

Included in the miscellaneous group are cream separators whose sales for 1944 numbered 27,540 and were valued at \$1,734,751 compared with 17,638 units which sold for \$1,215,052 in the preceding year. A major increase in milking machine sales was also recorded, the value of such sales increasing by 46 per cent from \$983,343 in 1943 to \$1,440,012 in 1944. Figures for other classes of equipment for which separate figures have been compiled are shown in the attached tables.

Sales of Repair Parts - Regional Distribution

As previously stated, information was secured in connection with this survey on the sale of repair parts. Sales, chiefly at wholesale prices, were reported at \$18,186,701 for 1944, up 23 per cent compared with the sales of \$14,767,587 recorded for the preceding year. Sales figures for the two years for Canada and the provinces are given in the following table:

Table 2.-Regional Distribution of Sales of Repair Parts, 1943 and 1944
(Sales chiefly at wholesale prices)

Region	1 9 4 3		1 9 4 4		Per cent increase 1944/1943
	Amount	% of Canada total	Amount	% of Canada total	
CANADA	\$ 14,767,587	100.0	\$ 18,186,701	100.0	+23.2
Maritime Provinces.	420,279	2.8	550,920	3.0	+31.1
Quebec	983,484	6.7	1,276,103	7.0	+29.8
Ontario	2,642,647	17.9	3,110,557	17.1	+17.7
Manitoba	2,027,201	13.7	2,461,659	13.5	+21.4
Saskatchewan	4,961,639	33.6	6,287,246	34.6	+26.7
Alberta	3,465,793	23.5	4,181,980	23.0	+20.7
British Columbia ..	266,544	1.8	318,236	1.8	+19.4

Table 3.-Farm Implement and Equipment Sales in Canada, by Types, 1943-1944

Type	1 9 4 3		1 9 4 4			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
All Types, Total	-	\$ 29,562,493	-	-	\$ 36,810,057	+84.7
Planting and Seeding Machinery, Total	-	1,639,133	-	-	2,295,587	+40.0
Corn planters and drills ...	256	27,765	392	+53.1	40,678	+46.5
Grain drills, total	3,503	947,359	4,489	+28.1	1,117,444	+18.0
Press drills	628	217,024	424	-32.5	156,627	-27.8
Regular type	2,875	730,335	4,065	+41.4	960,817	+31.6
Other drills	187	31,149	194	+ 3.7	30,016	- 3.6
Potato planters	199	28,888	487	+144.7	74,542	+158.0
Manure spreaders (horse- tractor-drawn)	2,687	430,945	5,267	+96.0	862,473	+100.1
Fertilizer spreaders (horse- tractor-drawn)	103	12,046	128	+24.3	14,689	+21.9
Other planting and seeding machinery	-	160,981	-	-	155,745	- 3.3
Tillage Machinery, Total ..	-	5,093,476	-	-	5,683,621	+11.6
Cultivators, total	11,506	945,686	14,936	+29.8	1,127,031	+19.2
One-horse (including scufflers)	5,152	65,866	6,904	+34.0	87,810	+33.3
Corn cultivators (two-row)	609	66,578	1,720	+182.4	195,972	+194.3

Table 3.-Farm Implement and Equipment Sales in Canada, by Types, 1943-1944

Type	1 9 4 3		1 9 4 4			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
Cultivators (Cont'd.)						
Field cultivators (including duplex)	5,121	758,704	5,305	+ 3.6	767,064	+ 1.1
All other types	624	54,538	1,007	+61.4	76,185	+39.7
Rod weeders, (horse- or tractor-drawn)	560	64,616	487	-13.0	52,292	-19.1
Stalk cutters	56	3,342	20	-64.3	1,036	-69.0
Harrows, total	19,061	651,483	25,206	+32.2	871,192	+33.7
Spike tooth sections (drag)	11,071	86,885	14,427	+30.3	105,411	+21.3
Spring tooth (horse- or tractor-drawn)	3,306	102,965	4,525	+36.9	151,350	+47.0
Disc harrows, all types ...	4,684	461,633	6,254	+33.5	614,431	+33.1
Harrow carts	68	1,099	8	-88.2	136	-87.6
Soil pulverizers	86	7,180	57	-33.7	4,085	-43.1
Rollers and packers	814	50,356	790	- 2.9	52,018	+ 3.3
Plows, grand total	21,960	3,246,223	23,156	+ 5.4	3,419,701	+ 5.3
Mouldboard plows, total ...	14,754	1,093,254	16,592	+12.5	1,390,272	+27.2
Horse-drawn						
Walking, single furrow ..	7,668	152,405	7,380	- 3.8	143,681	- 5.7
Walking, two furrow and larger	642	36,656	590	- 8.1	28,674	-21.8
Sulky, single furrow	210	13,650	44	-79.0	3,271	-76.0
Riding gang, double furrow and larger	539	67,486	306	-43.2	38,972	-42.3
Tractor-drawn, single furrow and larger	5,695	823,057	8,272	+45.3	1,175,674	+42.8
Disc plows, total	528	60,275	274	-48.1	47,710	-20.8
Horse-drawn	385	36,534	143	-62.9	14,437	-60.5
Tractor-drawn	143	23,741	131	- 8.4	33,273	+40.1
Harrow plows, one-way disc plows or tiller combines.	6,482	2,064,517	6,093	- 6.0	1,953,079	- 5.4
Breaker plows	156	24,443	160	+ 2.6	25,096	+ 2.7
All other types (including two-way)	40	3,734	37	- 7.5	3,544	- 5.1
Other tillage machinery	-	123,491	-	-	156,130	+26.4
Haying Machinery, Total	-	1,104,247	-	-	1,838,770	+66.5
Mowers (horse- or tractor-drawn)	4,942	513,925	7,591	+53.6	767,254	+49.3
Hayloaders	1,387	179,434	2,583	+86.2	344,236	+91.8
Hay tedders	45	3,705	8	-82.2	676	-81.8
Side rakes and tedders	523	69,873	935	+78.8	128,624	+84.1
Dump rakes	2,202	120,047	4,971	+125.7	272,248	+126.6
Hay presses	45	36,930	47	+ 4.4	52,701	+42.7
Other haying machinery	-	180,333	-	-	273,031	+51.4

Table 3.-Farm Implement and Equipment Sales in Canada, by Types, 1943-1944

Type	1943		1944			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
Harvesting Machinery, Total ..	-	\$ 4,788,962	-	-	\$ 10,269,442	+114.4
Grain binders, total.....	2,302	682,793	4,084	+77.4	1,193,891	+74.9
Horse-drawn	2,043	582,658	3,615	+76.9	1,020,812	+75.2
Tractor-drawn	259	100,135	469	+81.1	173,079	+72.8
Corn binders (horse- or tractor-drawn)	216	52,216	287	+32.9	70,423	+34.9
Combines (reaper-thresher) ..	2,501	3,266,137	5,333	+113.2	7,578,723	+132.0
Pick-ups	1,784	210,234	3,561	+99.6	387,028	+84.1
Swathers	245	94,475	1,093	+346.1	389,906	+312.7
Threshers (stationary)	649	392,423	879	+35.4	556,220	+41.7
Other harvesting machinery ..	-	90,684	-	-	93,251	+ 2.8
Tractors and Engines, Total ..	-	9,171,716	-	-	23,178,001	+152.7
Tractors, total	8,184	8,389,575	20,582	+151.5	21,929,662	+161.4
Wheel types						
10-20 and under	1,283	943,980	2,268	+76.8	1,716,983	+81.9
12-22 and over	6,737	7,010,765	17,891	+165.6	19,418,656	+177.0
Caterpillar (crawler) types ..	164	434,830	423	+157.9	794,023	+82.6
Power units	235	266,749	313	+33.2	145,856	-45.3
Engines (stationary)	4,442	515,392	8,991	+102.4	1,102,483	+113.9
Other Farm Equipment, Total ..	-	7,764,959	-	-	11,351,236	+46.2
Cream separators, total	17,638	1,215,052	27,540	+56.1	1,734,751	+42.8
300 lbs. capacity and under	2,334	77,580	2,903	+24.4	95,269	+22.8
301 lbs. capacity and over ..	15,304	1,137,472	24,637	+61.0	1,639,482	+44.1
Milking machines	4,291	983,343	6,345	+47.9	1,440,012	+46.4
Milk coolers	900	187,436	1,272	+41.3	289,885	+54.7
Wagons						
Wagons complete	132	9,961	153	+15.9	10,246	+ 2.9
Wagon boxes	919	36,750	1,266	+37.8	50,680	+37.9
Wagon gears	1,298	107,903	957	-26.3	81,617	-24.4
Farm trucks (horse- or tractor-drawn)	2,219	152,870	2,837	+27.9	198,439	+29.8
Tractor trailer gears	151	24,037	20	-86.8	2,822	-88.3
Sleighs	1,995	110,692	1,609	-19.3	102,555	- 7.4
Corn pickers	99	48,071	149	+50.5	79,164	+64.7
Huskers and shredders	30	22,260	18	-40.0	17,761	-20.2
Corn shellers	128	3,553	64	-50.0	1,984	-44.2
Ensilage cutters	191	72,710	336	+75.9	116,819	+60.7
Ensilage harvesters	17	7,961	51	+200.0	25,879	+225.1
Fanning mills	1,449	161,806	1,649	+13.8	136,536	-15.6
Knife grinders (emery grind)	954	7,182	1,449	+51.9	10,436	+45.3

Table 3.-Farm Implement and Equipment Sales in Canada, by Types, 1943-1944

Type	1 9 4 3		1 9 4 4			
	No. of units	Value \$	Units		Value	
			No.	Per cent change	Amount \$	Per cent change
Other Farm Equipment (Cont'd)						
Hammer mills	905	120,879	1,185	+47.2	153,867	+27.3
Grain grinders, feed cutters, feed grinders, roughage mills	9,179	629,936	12,341	+34.4	860,589	+36.6
Fruit sprayers	2,302	116,262	11,864	+415.4	176,927	+52.2
Potato diggers	310	55,958	1,023	+230.0	162,990	+191.3
Potato sprayers	2,687	71,151	4,796	+78.5	125,578	+76.5
Transplanters	144	17,668	137	- 4.9	17,222	- 2.5
Wheelbarrows	3,874	22,925	6,104	+57.6	39,070	+70.4
Power saws	489	33,047	524	+ 7.2	32,038	- 3.1
Wind mills (complete) ...	728	70,385	1,314	+80.5	120,963	+71.9
Wind mill heads (only) ..	456	25,357	476	+ 4.4	30,708	+21.1
Wind mill towers (only) .	33	2,153	9	-72.7	495	-77.0
Pumps (all types)	54,217	1,193,769	79,553	+46.7	2,053,389	+72.0
All other farm implements and equipment	-	2,253,875	-	-	3,277,814	+45.4

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(DOMINION BUREAU OF STATISTICS)

MERCHANDISING AND SERVICES STATISTICS

**FARM IMPLEMENT AND EQUIPMENT SALES
IN CANADA**

1946



**OTTAWA
1947**

Price 25 cents

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SALES OF FARM IMPLEMENTS AND EQUIPMENT IN CANADA, 1946

Introduction

Annual reports on the sale of farm implements and equipment in Canada, based on returns submitted by Canadian manufacturers and by importers of foreign makes, have been compiled and published by the Bureau of Statistics since 1936. In collaboration with the Farm Equipment Section of the Canadian Manufacturers' Association and with officials of the Engineering Division of the Experimental Farms Service, the schedule used in connection with these annual surveys was revised in 1945, chiefly in the direction of adding greatly to the number of separate classes of farm implements and equipment for which sales figures are now available. A separate analysis of sales by class of equipment for the Prairie Provinces only was another feature, introduced for the first time in the 1945 report.

Comparative figures for the years 1945 and 1946, based on returns submitted by 270 firms including Canadian manufacturers and also importers of foreign makes, are given in this report. Each manufacturer was asked to report only sales of his own manufactures and sales of imported goods. Sales of any machines or equipment purchased from other Canadian suppliers were to be excluded. Manufacturers' sales have been supplemented by sales of firms which did not manufacture in Canada but which imported farm implements and equipment directly from other countries. Figures relate to sales made to Canadian customers only; export sales have not been included.

This report covers the sale of new farm machinery, equipment and accessories and shows separate figures for the sale of repair parts.

Note: In some cases the 1945 figures shown in this report differ from those published in the 1945 report. This is due to revisions made by individual firms in their recent reports and in some cases to additional firms from which no returns were received for the 1945 survey. Figures for years dating back to 1936 are contained in a special summary entitled "Farm Implement and Equipment Sales in Canada, 1936-1943". This report may be obtained from the Dominion Bureau of Statistics, Ottawa.

Used machinery, binder twine and motor trucks were not included. Most of the statements on which this report was based relate to the calendar year 1946 or to the fiscal year ending October 31 or November 30, 1946. The value figures reported generally represent wholesale prices, but each respondent was asked to indicate the approximate mark-up required to bring the values to a retail basis. These data have been used in estimating the total cost to the farmer of new equipment purchased during the year under review.

The revised schedule used for the first time in the 1945 survey was divided into 14 major purpose classifications of equipment and each of these major classes was sub-divided into more detailed types, making a total of some 170 individual classifications in all. In a limited number of instances, it has been necessary to combine closely related types or to assign certain types to the miscellaneous category within each major class in order to avoid disclosing the sales of individual firms. In no instance are figures shown for fewer than three firms.

General Summary

Domestic sales of farm implements and equipment as reported by manufacturers and importers, mainly at wholesale prices to dealers or agents, amounted to \$81,372,195 in 1946, an increase of 26.6 per cent over the revised figure of \$64,293,216 for 1945. This was the highest volume of sales recorded since the inception of this series of annual reports in 1936. These figures relate to the sale of farm machinery and equipment only and do not include the sale of parts, binder twine, motor trucks or used equipment of any kind. Supplementary information relating to the average mark-up as reported by the various firms indicated that the total sales figure quoted above for 1946 should have been increased by approximately 20.5 per cent to bring it to a retail basis. It would appear, therefore, that Canadian farmers spent approximately \$98,050,000 for new farm machinery and equipment in 1946.

Separate figures on the sale of repair parts, also collected from manufacturers and importers, showed a total sales volume of \$20,790,007 in 1946, up 11 per cent from the \$18,734,009 reported for the preceding year. Applying an average mark-up of 31.7 per cent to the 1946 value as reported, a total retail value of \$27,380,439 for repair parts sold in 1946 is obtained.

Regional Distribution of New Implement and Equipment Sales

All regions of the country recorded substantial increases in sales of new farm machinery and equipment compared with 1945. The greatest increase was reported for British Columbia, sales in that province being 75.8 per cent higher in 1946 than in 1945. Quebec and the Maritime Provinces followed with gains of 44.6 per cent and 44.0 per cent respectively, while sales in Ontario were up 35.7 per cent. Smaller increases were reported in the Prairie Provinces with Manitoba showing an increase of 22.5 per cent, Alberta 20.5 per cent and Saskatchewan 12.0 per cent. These provinces accounted for 56.1 per cent of all sales in Canada in 1946 compared with 60.6

per cent in 1945. Ontario accounted for almost 25 per cent, with the remainder spread over the other provinces. The provincial distribution of sales in 1945 and 1946 together with the percentage increase between the two years for the various provinces is shown in the following table.

Table 1. - Regional Distribution of Farm Implement and Equipment Sales, 1945-1946
(Values chiefly at wholesale prices)

Region	1945 (1)		1946		Per cent increase 1946/1945
	Amount	% of Canada total	Amount	% of Canada total	
	\$		\$		
CANADA	64,293,216	100.0	81,372,195	100.0	+26.6
Maritime Provinces	2,614,295	4.1	3,763,949	4.6	+44.0
Quebec	6,127,410	9.5	8,862,669	10.9	+44.6
Ontario	14,893,109	23.2	20,202,645	24.8	+35.7
Manitoba	8,101,194	12.6	9,924,778	12.2	+22.5
Saskatchewan	18,055,056	28.1	20,219,090	24.9	+12.0
Alberta	12,832,109	19.9	15,463,456	19.0	+20.5
British Columbia	1,670,043	2.6	2,935,608	3.6	+75.8

(1) Revised.

Regional Distribution of Repair Parts Sales

Sales of repair parts as reported by Canadian manufacturers and importers and based largely on wholesale values amounted to \$20,790,007 in 1946, a figure which exceeded by 11 per cent the corresponding amount for 1945. Sales of repair parts in British Columbia showed an increase of 34.6 per cent over 1945 when sales had dropped 27.9 per cent below the previous year. A marked increase of 31.5 per cent was also recorded in Quebec. Gains in the Prairie Provinces and Ontario ranged within the narrow limits of 8.7 per cent and 10.7 per cent, while sales in the Maritime Provinces were 4.5 per cent higher than in the previous year.

Of the total Canadian expenditure on repair parts, residents of the Prairie Provinces were responsible for 72.9 per cent; 16.6 per cent was made in Ontario, while the other provinces made up the remaining 10.5 per cent. Sales figures for repair parts for Canada and the provinces are shown in the following table for 1945 and 1946.

Table 2. - Regional Distribution of Sales of Repair Parts, 1945-1946
(Values chiefly at wholesale prices)

Region	1945 (1)		1946		Per cent increase 1946/1945
	Amount	% of Canada total	Amount	% of Canada total	
	\$		\$		
CANADA.....	18,734,009	100.0	20,790,007	100.0	+11.0
Maritime Provinces...	483,323	2.6	504,981	2.4	+ 4.5
Quebec.....	1,034,969	5.5	1,361,276	6.5	+31.5
Ontario.....	3,113,157	16.6	3,447,695	16.6	+10.7
Manitoba.....	2,735,717	14.6	3,012,792	14.5	+10.1
Saskatchewan.....	6,745,424	36.0	7,330,155	35.3	+ 8.7
Alberta.....	4,378,660	23.4	4,806,368	23.1	+ 9.8
British Columbia.....	242,759	1.3	326,740	1.6	+34.6

(1) Revised.

Sales by Types of Equipment in Canada

Planting, Seeding and Fertilizing Machinery.

Sales of the planting, seeding and fertilizing machinery group as a whole increased 23 per cent in value from \$2,960,580 in 1945 to \$3,641,350 in 1946. Almost 50 per cent of the sales of this group represented grain drills of the plain type of which there were 6,682 units sold in 1946 for \$1,770,856, an increase of 21.0 per cent in number and 33.0 per cent in value over 1945. All other classes of implements in this group registered increases with the exception of four-wheel manure spreaders which dropped 25.3 per cent in number and 17.2 per cent in value from 5,851 units valued at \$952,447 in 1945 to 4,368 units which sold for \$788,550 in 1946.

Plows.

Plow sales were valued at \$5,486,834 for 1946, up 31.2 per cent over the 1945 total of \$4,182,878. The marked increase in number of tractor mounted mouldboard plows noted in the 1945 report continued into 1946 when sales of plows of this type increased 86.1 per cent in number over 1945 and more than doubled in value. One-way disc plows, the most important type from the point of view of dollar volume, were up from 8,084 at \$2,530,161 in 1945 to 8,781 at \$2,995,367 in 1946, a gain of 8.6 per cent in number and 18.4 per cent in value. The only types of plow of which there were fewer sold in 1946 than in 1945 were the riding gang and disc plows.

Tilling, Cultivating and Weeding Machinery.

An increase of 52.4 per cent in value of sales of tilling,

cultivating and weeding machinery was accounted for in large part by the increased sales of harrows of various types. A major gain also appeared in sales of tractor drawn field cultivators which went up from 3,495 units valued at \$547,033 in 1945 to 5,433 units valued at \$917,273 in 1946, an increase of 55.5 per cent in number and 67.7 per cent in value. Other items in which major increases were recorded were rod weeders and hand operated wheeled cultivators and weeders. Sales of both two horse and tractor mounted corn cultivators dropped considerably below the 1945 figure as did horse drawn field cultivators. A decrease was also registered in tractor mounted beet, bean and vegetable cultivators. All other classifications under this major heading had substantially higher sales in 1946 than in 1945.

Haying Machinery.

Marked gains in 1946 over 1945 were recorded for most categories in the haying machinery group, dollar sales for the group as a whole increasing by 51.7 per cent from \$2,444,274 to \$3,708,525. Sales of horse drawn mowers, the most important individual class of implement in the group in point of value of dollar volume of business, were up only slightly in number from the exceptionally high figure for 1945 when this type of implement showed an increase in number of sales of 65 per cent over 1944. There was a slight decline in number of dump rakes and hay stackers (overshot) sold in 1946 compared with the previous year. The larger types of mowers, hay loaders, tractor loaders and pick-up hay balers were among the types which registered increases exceeding that for the group as a whole.

Harvesting Machinery.

Dollar sales of harvesting machinery aggregated \$15,165,186 in 1946, an increase of 15.2 per cent over the \$13,168,252 reported for the preceding year. Sales of combine reaper threshers accounted for about two-thirds of the dollar volume of this group. The total number of these machines sold declined from 1945 but the trend varied considerably according to size and type of combine. The power take-off in both under and over six feet classes dropped considerably in number from 1945 as did the engine driven over six feet class. A 64.6% increase in the number of engine driven combines six feet and under was reported, while sales of self-propelled combines over six feet were up 6.2 per cent. The next most important type was grain binders and sales of this implement showed a decided increase over 1945. All of the other types of harvesting machinery registered increased sales in 1946 except corn pickers of the pull type which dropped 11.2 per cent in number of units sold.

Machines for Preparing Crops for Market or Use.

Sales for a group of farm equipment used primarily for preparing crops for market or use totalled \$3,790,195 in 1946, 29.4 per cent higher than the \$2,929,695 reported for the same group for the preceding year. Threshers, grain grinders and grain elevators and loaders formed the most important classes of equipment within the group but ensilage cutters, fanning mills and hammermills were also of con-

siderable importance. In the threshers classification there were 1,173 threshers with feeder and blower sold in 1946, more than double the number reported for 1945. There were also 375 smaller threshers sold in 1946 compared with 468 in the preceding year. Sales of grain loaders and elevators were up 12.5 per cent in number while sales of hammermills increased 84.7 per cent. Grain grinder sales dropped considerably from 1945, there being 7,439 units in 1946 compared with 12,274 in 1945. Increases were recorded for all other types in this major group except ensilage cutters and feed cutters. Declines in number of these machines sold amounted to 51.7 per cent and 59.8 per cent respectively.

Tractors and Engines.

Sales for the tractors and engines group as a whole in 1946 exceeded the 1945 total by 18.8 per cent, the dollar volume for the more recent year standing at \$24,914,049 compared with \$20,976,822 for 1945. All tractors are first classified as wheel tractors, track type tractors (for farm use) and garden tractors. The wheel type tractors were subdivided as between standard and general purpose or row crop machines and each of these categories was further broken down according to size.

There were 21,626 wheel tractors sold in Canada in 1946 of which 10,101 were of the standard type while 11,525 were of the general purpose type. Corresponding figures for 1945 showed 18,255 wheel tractors including 10,762 standard and 7,493 general purpose machines. Declines from 1945 were registered in all but three of the size categories within these two types of machines. One-plough standard tractors increased from 183 in 1945 to 293 in 1946, while in the larger than 3-4 plough group, sales numbered 1,875 as compared with 1,638 in 1945. In the general purpose group, an outstanding expansion in sales of 2 plough machines was recorded. Sales for this size increased from 2,248 valued at \$1,569,144 in 1945 to 7,418 in 1946 with a value of \$5,962,108.

Continued expansion in the use of garden tractors was evidenced by the increase in number of machines sold. These numbered 2,187 in 1946 compared with 649 in 1945.

Dairy Machinery and Equipment.

Sales of dairy machinery and equipment were valued at \$5,968,434 in 1946 or 37.3 per cent higher than the \$4,348,224 recorded for 1945. Included in this category are 14,661 milking machines (complete equipment less pail units) which sold for \$1,712,983, up 67.8 per cent in number and 85.9 per cent in dollar volume compared with the preceding year. Milker pail units sold in 1946 numbered 21,157, an increase of 22.7 per cent over 1945. Cream separators form the other important subdivision in this group. There were 27,188 separators of 300 pounds capacity or over sold for \$2,014,937 in 1946, an increase of 20.0 per cent over 1945. Sales of the smaller type of cream separator more than doubled between the two years, increasing from 3,324 in 1945 to 6,712 in 1946.

Other Types of Equipment.

Other major categories of equipment for which figures are shown and which are subdivided in considerable detail in the tables are spraying and dusting machinery whose sales amounted to \$749,405 for 1946, farm wagons, trucks and sleighs with sales of \$1,608,007, domestic water systems

and pumps with sales of \$3,933,685, barn equipment with sales of \$1,412,421, poultry farm equipment with sales of \$747,223 and a miscellaneous group of farm equipment whose sales amounted to \$3,067,895. Sales in all of these major groups, with the exception of barn equipment, showed increases over 1945 ranging upwards from 33 per cent.

Attachments.

A separate classification was provided on the schedule for reporting the sales of attachments when sold separately from the implements and equipment for which they were required. Due to changes in accounting systems, it has been necessary to revise considerably the figure shown in last year's report for this item in order to provide a figure comparable to that which was available for 1946. Nor has it been possible for all firms to provide similar information for this item due to the manner in which their records are kept. Some firms included all attachments whether sold separately or as part of a new machine, other firms showed only those sold separately, while some were able to provide separate sales for only those attachments for which they sold no new machines in the year. Thus the figure shown here, probably underestimates the total value of attachments sold, but may serve as an indication of the trend in sales of attachments.

Sales by Types of Equipment in the Prairie Provinces

Table 3 presents sales of farm implements and equipment for each of the major groups for Canada and for the Prairie Provinces, showing the percentage changes and the proportions which sales in the Prairie Provinces form of the Dominion total. Table 5 presents the more detailed analysis of sales in the Prairie Provinces for 1945 and 1946 similar to that given in Table 4 for Canada as a whole. In some instances, it has been necessary to reduce the number of classifications for which figures are shown in view of the smaller number of firms reporting.

Only a brief summary of the general results for the Prairie Provinces is given here and the reader is referred to Table 5 for details regarding the volume of business transacted in individual categories. The overall gain for the Prairie Provinces of 17.0 per cent was considerably lower than the 26.6 per cent increase recorded for the country as a whole. Increases for the individual groups were generally lower for the Prairie Provinces than for the Dominion. Greater increases were recorded in the Prairies, however, in the following major groups: planting, seeding and fertilizing machinery; tilling, cultivating and weeding machinery; haying machinery; farm wagons, trucks and sleighs; and barn equipment.

Comparison of the detailed statistics as shown in Tables 4 and 5 reveals the importance of the Prairie market for certain types of farm equipment. All the 386 grain drills of the press type sold in 1946 went to this region. Practically all the rod weeders, hay stackers, swathers or windrowers, and larger combines were sold in the same territory. Other classes of equipment for which the Prairie Provinces accounted for a high proportion of the total units sold in 1946 include one-way disc plows, disc harrows, land rollers, grain binders of the power take-off type, fanning mills, grain loaders and elevators and wheel tractors of the largest sizes.

Table 3. - Summary of Sales of New Farm Machinery and Equipment by Types

Type of Machinery	CANADA			PRAIRIE PROVINCES			1946 as % of Canada total
	1945 (1)	1946	% Increase 1946/1945	1945 (1)	1946	% Increase 1946/1945	
	\$	\$		\$	\$		
All types, TOTAL	64,293,216	81,372,195	+26.6	38,988,359	45,607,324	+ 17.0	56.0
Planting, seeding and fertilizing machinery	2,960,580	3,641,350	+23.0	1,202,644	1,633,668	+ 35.8	44.9
Plows	4,182,878	5,486,834	+31.2	3,032,626	3,735,369	+ 23.2	68.1
Tilling, cultivating and weeding machinery	3,019,537	4,602,661	+52.4	1,474,544	2,408,114	+ 63.3	52.3
Haying machinery	2,444,274	3,708,525	+51.7	641,709	1,071,226	+ 66.9	28.9
Harvesting machinery	13,168,252	15,165,186	+15.2	11,325,811	12,666,923	+ 11.8	83.5
Machines for preparing crops for market or use	2,929,695	3,790,195	+29.4	1,512,843	1,662,817	+ 9.9	43.9
Tractors and engines	20,976,822	24,914,049	+18.8	14,119,396	15,086,797	+ 6.9	60.6
Spraying and dusting equipment (orchard or garden)	481,753	749,405	+55.6	49,806	43,971	- 11.7	5.9
Farm wagons, trucks and sleighs	889,179	1,608,007	+80.8	407,176	993,089	+143.9	61.8
Domestic water systems and pumps	2,944,709	3,933,685	+33.6	841,206	938,059	+ 11.5	23.8
Dairy machinery and equipment	4,348,224	5,968,434	+37.3	938,073	1,216,797	+ 29.7	20.4
Barn equipment	1,254,484	1,412,421	+12.6	288,169	325,484	+ 12.9	23.0
Poultry farm equipment	455,865	747,223	+63.9	211,059	330,867	+ 56.8	44.3
Miscellaneous farm equipment	2,135,755	3,067,895	+43.6	1,269,421	1,523,435	+ 20.0	50.0
Attachments for farm implements and equipment (2)	2,101,209	2,576,325	+22.6	1,673,876	1,970,708	+ 17.7	76.5

(1) Revised.

(2) Due to changes in accounting systems, it has been necessary to revise considerably the 1945 figure shown in last year's report for this item in order to provide a figure comparable to that which was available for 1946. See page (7) for explanation.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of Units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
All types, TOTAL...	-	64,293,216	-	-	81,372,195	+26.6
PLANTING, SEEDING AND FERTILIZING MACHINERY, TOTAL.....	-	2,960,580	-	-	3,641,350	+23.0
Corn Planters -						
Horse or tractor drawn,	461	53,652	485	+ 5.2	56,066	+ 4.5
Tractor mounted.....	40	5,876	91	(a)	14,428	(a)
Potato Planters.....	467	71,607	915	+95.9	174,505	(a)
Transplanters.....	60	7,528	135	(a)	20,838	(a)
Beet and Bean Drills.....	144	24,320	162	+16.7	26,588	+ 9.3
Grain and Fertilizer Drills (combination)....	1,595	285,252	1 730	+ 8.5	354,091	+24.1
Grain Drills -						
Plain.....	5,517	1,331,370	6,682	+21.1	1,770,856	+33.0
Press.....	256	81,015	386	+50.8	115,168	+42.2
Fertilizer and Lime Sowers -						
Horse or tractor drawn..	204	20,881	511	(a)	60,980	(a)
Manure Spreaders - Horse or tractor drawn -						
Four wheel.....	5,851	952,447	4,368	-25.3	788,550	-17.2
Two wheel.....	718	97,816	1,274	+77.4	185,717	+89.9
All other planting, Seeding and Fertilizing Machinery.....	-	28,816	-	-	73,563	(a)
PLOWS, TOTAL.....	-	4,182,878	-	-	5,486,834	+31.2
Mouldboard Plows - Horse drawn -						
Walking plows -						
One furrow.....	8,417	181,938	11,202	+33.1	262,014	+44.0
Two furrow.....	1,048	62,851	1,573	+50.1	94,281	+50.0
Sulky plows - one furrow	10	976	61	(a)	4,033	(a)
Riding gang plows - two furrow.....	296	38,346	144	-51.4	22,066	-42.5
Mouldboard Plows - Tractor drawn -						
Two furrow.....	3,661	445,744	4,487	+22.6	583,062	+30.8
Three furrow.....	2,790	448,257	3,790	+35.8	652,004	+45.5
Four furrow or larger..	603	136,656	655	+ 8.6	142,896	+ 4.6
Mouldboard Plows - Tractor mounted.....	4,217	313,310	7,846	+86.1	648,025	(a)

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 5 (1)		1 9 4 6			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
PLOWS (cont'd)						
Disc Plows -						
Horse drawn	72	7,688)	831	(a)	32,979	(a)
Tractor drawn	137	5,322)				
One-way Discs	8,084	2,530,161	8,781	+ 8.6	2,995,367	+18.4
Breaker Plows	54	4,832	162	(a)	29,192	(a)
All other Plows	180	6,797	295	+63.9	20,915	(a)
TILLING, CULTIVATING AND WEEDING MACHIN- ERY, TOTAL	-	3,019,537	-	-	4,602,661	+52.4
Harrows -						
Drag harrows (sections)	34,685	217,189	55,619	+60.4	362,542	+66.9
Spring tooth harrows (section)	6,513	157,711	6,522	+ 0.1	230,017	+45.8
Disc harrows -						
Horse drawn	4,002	233,280	5,423	+35.5	342,170	+46.7
Tractor drawn -						
Single	717	118,721	2,080	(a)	372,187	(a)
Tandem	3,281	379,858	7,069	(a)	891,496	(a)
Land Rollers, Soil Pul- verisers and packers (including trailer packers)	3,199	161,842	5,060	+58.2	191,136	+18.1
Scufflers and Cultivators-						
Scufflers	11,386	148,052	12,741	+11.9	183,898	+24.2
Corn cultivators -						
Two horse	1,107	87,334	513	-53.7	49,776	-43.0
Tractor mounted	3,496	375,320	2,321	-33.6	264,736	-29.5
Field cultivators -						
Horse drawn	1,206	134,243	829	-31.3	74,277	-44.7
Tractor drawn	3,495	547,033	5,433	+55.5	917,273	+67.7
Tractor mounted	2,721	255,232	3,385	+24.4	280,132	+ 9.8
Beet, bean and vegeta- ble cultivators -						
Horse or tractor drawn	153	15,841	236	+54.2	34,317	(a)
Tractor mounted	141	13,035	103	-27.0	12,391	- 4.9
Rod Weeders	278	24,350	773	(a)	96,275	(a)
Wire and Blade Weeders	631	71,167	646	+ 2.4	73,062	+ 2.7
Hand Operated wheeled Cultivators and Weeders ..	1,293	7,742	10,562	(a)	56,558	(a)
All other Cultivating and Weeding Machinery ...	-	71,587	-	-	170,418	(a)

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
HAYING MACHINERY, TOTAL	-	2,444,274	-	-	3,708,525	+51.7
Mowers -						
Horse drawn	11,426	1,096,450	11,461	+ 0.3	1,300,020	+18.6
Tractor drawn	360	45,207	382	+ 6.1	61,891	+36.9
Tractor mounted	747	82,899	2,594	(a)	390,893	(a)
Hay Loaders	2,889	391,312	4,094	+41.7	657,321	+68.0
Dump Rakes	8,599	470,593	8,348	- 2.9	505,690	+ 7.5
Side Delivery Rakes	1,109	152,668	1,230	+10.9	194,664	+27.5
Sweeps -						
Hay sweeps - horse	224	13,072	264	+17.9	15,223	+16.5
Hay or stook sweeps -						
Tractor	401	39,154	895	(a)	102,500	(a)
Tractor Loaders (with hay sweep or manure bucket) .	14	3,319	745	(a)	192,009	(a)
Hay Stackers (overshot) ..	277	38,431	270	- 2.5	40,748	+ 6.0
Pick-Up Hay Balers	86	99,883	149	+73.3	242,659	(a)
All other Haying Machinery	-	11,286	-	-	4,907	-56.5
HARVESTING MACHINERY, TOTAL	-	13,168,252	-	-	15,165,186	+15.2
Combine Reaper Threshers -						
Six feet and under -						
Power take-off	1,445	1,008,325	828	-42.7	604,003	-40.1
Engine driven	816	804,130	1,343	+64.6	1,321,086	+64.3
Over six feet -						
Power take-off	860	908,213	621	-27.8	710,885	-21.7
Engine driven	1,836	2,716,672	1,281	-30.2	2,017,303	-25.7
Self-propelled	1,893	4,508,425	2,010	+ 6.2	5,709,403	+26.6
Swathers or Windrowers ...	2,189	773,850	2,747	+25.5	1,214,183	+56.9
Grain Binders -						
Ground drive	5,939	1,667,827	7,932	+33.6	2,524,841	+51.4
Power take-off	781	279,761	990	+26.8	413,142	+47.7
Corn Binders	405	111,024	521	+28.6	138,528	+24.8
Corn Pickers -						
Pull type	170	102,159	151	-11.2	102,774	+ 0.6
Tractor mounted	9	4,837	30	(a)	16,637	(a)
Forage Crop and Ensilage Harvesters	62	34,810	217	(a)	109,700	(a)
Potato Diggers -						
Traction	892	131,311	1,026	+15.0	155,287	+18.3
Power take-off	127	36,565	175	+37.8	48,923	+33.8

(1) Revised.

Table 1 - Farm Implement and Equipment Sales in Canada, by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of Units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
HARVESTING MACHINERY, (Cont'd)		\$			\$	
Beet Lifters - Horse or tractor drawn.....	149	15,064	258	+83.6	18,810	+24.9
All other Harvesting Machinery.....	-	65,279	-	-	59,681	- 8.6
MACHINES FOR PREPARING CROPS FOR MARKET OR USE,						
TOTAL.....	-	2,727,195	-	-	3,790,195	+29.4
Threshers -						
With feeder and blower.....	523	588,525	1,173	(a)	1,330,631	(a)
All other.....	468	108,020	375	-19.9	73,856	-31.6
Ensilage or Forage Crop						
Blowers or Elevators..	48	14,497	85	+77.1	13,728	- 5.3
Ensilage Cutters.....	509	191,100	246	-51.7	106,780	-44.1
Feed Cutters, Hand and						
Power.....	204	8,930	82	-59.8	2,551	-71.4
Corn Shellers -						
Hand.....	28	618	80	(a)	1,501	(a)
Power.....	46	7,240	55	+19.6	8,573	+18.4
Grain Grinders -						
6" or less.....	2,852	290,295	1,151	-59.6	205,869	-29.1
Over 6".....	9,422	479,470	6,288	-33.3	344,705	-28.1
Fanning Mills and Grain Cleaners -						
Hand.....	1,535	98,191	1,715	+11.7	112,553	+14.6
Power.....	216	55,715	608	(a)	113,730	(a)
Hammermills.....	1,355	154,436	2,318	+84.7	315,738	+92.4
Feed Mixers.....	659	64,461	732	+11.1	78,039	+21.4
Maple Syrup Evaporators.....	604	115,757	812	+22.3	129,176	+10.6
Grain Loaders and						
Elevators.....	5,680	571,213	6,390	+12.5	665,095	+16.4
All other Machines for Preparing Crops for Market or Use.....	-	170,227	-	-	286,670	+68.4

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
TRACTORS AND ENGINES, TOTAL	-	20,976,822	-	-	24,914,049	+18.8
Wheel Tractors -						
Standard -						
1 plough (approx. min. drawbar HP-9).	183	126,557	293	+60.1	214,261	+69.3
2 plough (approx. min. drawbar HP-12)	2,888	2,247,621	2,785	- 3.6	2,268,343	+ 0.9
2-3 plough (approx. min. drawbar HP-16)	3,209	3,620,647	2,782	-13.1	3,228,249	-10.8
3-4 plough (approx. min. drawbar HP-20)	2,844	3,992,284	2,359	-17.1	3,411,117	-14.6
Larger	1,638	2,520,743	1,875	+14.5	2,949,232	+17.0
General purpose (row crop) -						
1 plough (approx. min. drawbar HP-9).	1,775	1,229,183	1,411	-20.5	966,772	-21.3
2 plough (approx. min. drawbar HP-12)	2,248	1,569,144	7,418	(a)	5,962,108	(a)
2-3 plough (approx. min. drawbar HP-16)	1,728	1,755,542	1,055	-38.9	1,146,146	-34.7
3-4 and larger	1,742	2,134,281	1,641	- 5.8	2,002,598	- 6.2
Track Type Tractors (farm use)	295	505,638	308	+ 4.4	643,513	+27.3
Garden Tractors	649	194,602	2,187	(a)	666,018	(a)
Stationary Engines and Power Units -						
Less than 5 H.P.	8,840	961,534	10,618	+20.1	1,330,896	+38.4
5 H.P. and larger	754	119,046	686	- 8.8	124,796	+ 4.8
 SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN), TOTAL	-	481,753	-	-	749,405	+55.6
Sprayers and Dusters, Hand (including barrel and wheelbarrow)	50,585	106,613	72,767	+43.9	197,620	+85.4
Sprayers and Dusters, Traction	670	106,485	925	+38.1	177,790	+67.0
Sprayers, Power -						
1-6 gal. pump	130	50,318	141	+ 8.5	49,719	- 1.2
7-15 gal. pump	256	91,980	283	+10.5	110,632	+20.3
Over 15 gal. pump	72	93,427	151	(a)	147,698	+58.1
Dusters, Power	71	32,930	141	+98.6	65,946	(a)

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
FARM WAGONS, TRUCKS AND SLEIGHS, TOTAL	-	889,179	-	-	1,608,007	+80.8
Wagon Boxes	3,070	105,036	2,051	-33.2	81,171	-22.7
Wagon Gears (wooden wheel, standard)	2,157	183,733	2,597	+20.4	254,773	+38.7
Farm Trucks (low wheel, steel)	3,771	294,270	3,369	-10.7	272,522	- 7.4
Rubber Tired Gears or Trailers	514	87,212	3,488	(a)	608,845	(a)
All other Farm Wagons, Sleighs and Trucks	-	218,928	-	-	390,696	+78.5
DOMESTIC WATER SYSTEMS AND PUMPS, TOTAL	-	2,944,709	-	-	3,933,685	+33.6
Hand Well Pumps (wood or metal)	29,941	498,266	24,373	-18.6	510,632	+ 2.5
Domestic Water Systems - Deep well (except jets)	1,515	160,317	1,943	+28.3	241,264	+50.5
Shallow well (except jets)	13,056	1,090,907	21,190	+62.3	1,882,867	+73.1
Jet type	3,568	357,325	3,565	- 0.1	430,570	+20.5
Windmill Heads and Wheels ..	1,376	80,135	1,477	+ 7.3	81,602	+ 1.8
Windmill Towers	522	36,711	668	+28.0	39,105	+ 6.5
Pump Jacks	2,334	47,613	4,178	+79.0	92,650	+94.6
All other Pumps	45,962	673,435	59,623	+29.7	648,995	- 3.6
DAIRY MACHINERY AND EQUIPMENT, TOTAL	-	4,348,224	-	-	5,968,434	+37.3
Milking Machines (complete equipment less pail units)	8,738	921,485	14,661	+67.8	1,712,983	+85.9
Milker Pail Units	17,242	1,182,920	21,157	+22.7	1,480,217	+25.1
Cream Separators - 300 lbs. and under	3,324	87,626	6,712	(a)	196,174	(a)
Over 300 lbs	22,650	1,667,548	27,188	+20.0	2,014,937	+20.8
Farm Milk Coolers	1,595	368,480	1,533	- 3.9	388,648	+ 5.5
Butter Churns (farm use) ..	8,992	96,643	11,710	+30.2	109,183	+13.0
All other Dairy Machinery and Equipment	-	23,522	-	-	66,292	(a)

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
BARN EQUIPMENT, TOTAL .	-	\$ 1,254,484	-	-	\$ 1,412,421	+12.6
Complete Feed and Litter Carriers	1,707	89,336	2,633	+54.2	205,035	(a)
Track for Feed and Litter Carriers (feet)	514,010	186,668	247,400	-51.9	115,752	-38.0
Hay Forks	1,157	6,924	2,277	+96.8	13,441	+94.1
Hay Fork Carriers	2,179	41,620	4,721	(a)	129,250	(a)
Track for Hay Carriers (feet)	299,765	97,645	179,860	-40.0	66,804	-31.6
Stable Stalls and Livestock Pens (units)	13,367	300,965	20,856	+56.0	296,028	- 1.6
Cattle Stanchions	21,251	72,494	17,886	-15.8	60,208	-16.9
Stock Watering Cups and Bowls	31,038	174,567	65,183	(a)	278,850	+59.7
Stock Tank Heaters (wood or coal)	6,853	62,628	4,270	-37.7	44,175	-29.5
Miscellaneous Barn Equipment	-	221,637	-	-	202,878	- 8.5
POULTRY FARM EQUIPMENT, TOTAL	-	455,865	-	-	747,223	+63.9
Incubators -						
150 egg to 2,000 egg capacity	1,224	26,498	760	-37.9	19,157	-27.7
Over 2,000 egg capacity	32	86,413	122	(a)	286,957	(a)
Brooders -						
Coal or Wood	9,347	112,685	8,217	-12.1	104,289	- 7.5
Oil	397	4,450	5,903	(a)	81,802	(a)
Electric or battery ...	2,989	76,129	3,191	+ 6.8	79,953	+ 5.0
Egg Handling Equipment	-	5,773	-	-	10,053	+74.1
Miscellaneous Poultry Farm Equipment	-	143,917	-	-	165,012	+14.7
MISCELLANEOUS FARM EQUIPMENT, TOTAL	-	2,135,755	-	-	3,067,895	+43.6
Beekeepers' Supplies	-	411,469	-	-	409,267	- 0.4
Electric Fence Controllers.	29,746	274,926	24,615	-17.2	228,929	-16.7
Wood Sawing Machines	999	56,331	4,503	(a)	381,486	(a)
Windchargers -						
Six volt	394	13,592	388	- 1.5	16,661	+22.6
Other	736	135,442	418	-43.2	86,665	-36.0
Electric Lighting Plants -						
32 volt	2,789	906,499	4,736	+69.8	1,322,334	+45.9
110 volt	152	45,926	75	-50.7	27,437	-40.3
Miscellaneous Equipment ...	-	291,570	-	-	594,516	(a)

(1) Revised.

Table 4 - Farm Implement and Equipment Sales in Canada, by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (2)		1946			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
ATTACHMENTS FOR FARM IMPLEMENTS AND EQUIPMENT, TOTAL (1)	-	2,101,209	-	-	2,576,325	+22.6

(1) Due to changes in accounting systems, it has been necessary to revise considerably the 1945 figure shown in last year's report for this item in order to provide a figure comparable to that which was available for 1946. See page (7) for explanation.

(2) Revised.

Table 5 - Farm Implement and Equipment Sales in the Prairie Provinces only, by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
All Types, TOTAL	-	38,988,359	-	-	45,607,324	+17.0
PLANTING, SEEDING AND FERTILIZING MACHINERY, TOTAL	-	1,202,644	-	-	1,633,668	+35.8
Potato Planters	50	6,803	56	+72.0	13,406	+97.1
Beet and Bean Drills	86	15,244	54	-37.2	9,807	-55.7
Grain Drills -						
Plain	3,525	1,005,400	4,533	+28.6	1,394,000	+38.7
Press	256	81,333	386	+50.8	115,168	+41.6
Manure Spreaders -						
Horse or tractor drawn ...	412	76,191	376	- 8.7	73,777	- 3.2
All other Planting, Seeding and Fertilizing Machinery	-	17,673	-	-	27,510	+55.7

(1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
PLOWS, TOTAL	-	3,032,626	-	-	3,735,369	+23.2
Mouldboard Plows - Horse drawn -						
Walking plows - one furrow	107	2,785	148	+38.3	3,445	+23.7
Sulky plows - one furrow	7	776)			
Riding gang plows - two furrow	289	37,555	) 141	-52.4	21,136	-44.9
Mouldboard Plows - Tractor drawn -)			
Two furrow	866	115,954	938	+ 8.3	128,092	+10.5
Three furrow	1,242	210,687	2,122	+70.9	393,654	+86.8
Four furrow or larger ..	593	137,010	597	+ 0.7	138,064	+ 0.8
Mouldboard Plows - Tractor mounted	419	27,360	1,781	(a)	161,122	(a)
Disc Plows	18	1,707	113	(a)	4,128	(a)
One-way Discs	7,852	2,494,798	8,270	+ 5.3	2,858,901	+14.6
Breaker Plows	24	2,329	123	(a)	24,465	(a)
All other Plows	12	1,665	19	+58.3	2,362	+41.9
TILLING, CULTIVATING AND WEEDING MACHINERY, TOTAL	-	1,474,544	-	-	2,408,114	+63.3
Harrows -						
Drag harrows (sections)	29,708	169,555	43,338	+45.9	251,671	+48.4
Spring tooth harrows (sections)	311	8,584	976	(a)	34,723	(a)
Disc Harrows -						
Horse drawn	651	56,791	1,628	(a)	128,532	(a)
Tractor drawn -						
Single	656	123,280	1,991	(a)	357,333	(a)
Tandem	648	93,548	1,295	+99.8	195,940	(a)
Land Rollers, Soil Pulverisers and Soil Packers (including trailer packers)	3,146	158,164	4,673	+48.5	169,409	+ 7.1
Scufflers and Cultivators -						
Scufflers	2,028	25,158	2,400	+18.3	31,660	+25.8
Corn Cultivators -						
Two horse	78	5,973	81	+ 3.8	8,537	+42.9
Tractor mounted	103	9,846	207	(a)	24,012	(a)

(1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of units	Value \$	Units		Value	
			No.	Per cent change	Amount \$	Per cent change
TILLING, CULTIVATING AND WEEDING MACHINERY (Cont'd)						
Scufflers and Cultivators (cont'd)						
Field Cultivators -						
Horse drawn	603	77,624	224	-62.9	26,764	-65.5
Tractor drawn	2,606	445,184	4,113	+57.8	755,801	+69.8
Tractor mounted	1,640	152,449	1,334	-18.7	124,427	-18.4
Beet, Bean and Vegeta- ble Cultivators -						
Horse or tractor drawn	22	1,723	20	- 9.1	2,561	+48.6
Tractor mounted	65	9,039	82	+26.2	9,782	+ 8.2
Rod Weeders	278	24,349	763	(a)	94,559	(a)
All other Cultivating and Weeding Machinery	-	113,277	-	-	192,403	+69.9
HAYING MACHINERY, TOTAL	-	641,709	-	-	1,071,226	+66.9
Mowers -						
Horse drawn	2,933	302,148	2,492	-15.0	297,330	- 1.6
Tractor drawn	255	58,291	357	+40.0	60,639	+67.1
Tractor mounted	130	15,338	999	(a)	149,235	(a)
Hay Loaders	150	30,122	434	(a)	104,310	(a)
Dump Rakes	1,874	109,266	1,767	- 5.7	113,084	+ 3.5
Side Delivery Rakes	140	20,384	216	+54.3	32,934	+61.6
Sweeps -						
Hay sweeps - Horse	224	13,070	252	+12.5	14,578	+11.5
Hay or stook sweeps -						
Tractor	394	38,653	779	+97.7	92,875	(a)
Tractor Loaders (with hay sweep or manure bucket) ..	-	-	291	(a)	95,803	(a)
Hay Stackers (overshot)....	274	37,939	261	- 4.7	39,002	+ 2.8
Pick-Up Hay Balers	27	28,965	44	+63.0	70,402	(a)
All other Haying Machinery.	-	9,532	-	-	1,034	-89.2

(1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1945-1946

(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
HARVESTING MACHINERY, TOTAL.....	-	11,325,811	-	-	12,666,923	+11.8
Combine Reaper Threshers -						
Six feet and under -						
Power take-off.....	795	574,206	389	-51.1	297,552	-48.2
Engine driven.....	664	663,608	1,133	+70.6	1,146,063	+72.7
Over six feet -						
Power take-off.....	860	908,555	616	-28.4	700,518	-22.9
Engine driven.....	1,831	2,710,773	1,255	-31.5	1,972,661	-27.2
Self-propelled.....	1,815	4,417,337	1,882	+ 3.7	5,369,515	+21.6
Swathers or Windrowers.....	2,185	772,852	2,744	+25.6	1,212,890	+56.9
Grain Binders -						
Ground drive.....	3,121	921,150	4,461	+42.9	1,512,535	+64.2
Power take-off.....	608	253,538	867	+42.6	362,584	+43.0
Potato Diggers.....	97	17,567	124	+27.8	23,001	+30.9
Beet Lifters - Horse or tractor drawn.....	83	10,484	95	+14.5	8,230	-21.5
All other Harvesting Machinery.....	-	75,741	-	-	61,374	-19.0
MACHINES FOR PREPAR- ING CROPS FOR MARKET OR USE, TOTAL.....	-	1,512,843	-	-	1,662,817	+ 9.9
Threshers.....	91	139,922	226	(a)	355,970	(a)
Grain Grinders.....	10,197	514,782	4,494	-55.9	239,800	-53.4
Fanning Mills and Grain Cleaners.....	1,593	106,240	2,086	+30.9	138,397	+30.3
Hammermills.....	796	108,597	1,199	+50.6	181,546	+67.2
Feed Mixers.....	273	12,798	498	+82.4	40,849	(a)
Grain Loaders and Elevators	5,488	559,641	6,009	+ 9.5	640,420	+14.4
All other Machines for Preparing Crops for Market or Use.....	-	70,863	-	-	65,835	- 7.1
TRACTORS AND ENGINES, TOTAL.....	-	14,119,396	-	-	15,086,797	+ 6.9
Wheel Tractors -						
Standard -						
1 plough (approx. min.drawbar HP=9).. 2 plough (approx. min.drawbar HP=12).. 1,345	115	83,276	150	+50.4	116,606	+40.0
	1,345	1,154,529	1,338	- 0.6	1,151,400	- 0.3

(1) Revised.

Table 5. Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1945 (1)		1946			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
TRACTORS AND ENGINES, (Cont'd)		\$			\$	
Wheel Tractors - Standard (cont'd)						
2-3 plough (approx. min. drawbar HP-16).	2,080	2,363,185	1,802	-13.4	2,102,819	-11.0
3-4 plough (approx. min. drawbar HP-20).	2,381	3,655,072	2,022	-15.1	2,912,994	-20.3
Larger.....	1,584	2,433,325	1,847	+16.6	2,906,993	+19.5
General purpose (row crop) -						
1 plough (approx. min. drawbar HP-9).	687	477,398	530	-22.9	370,334	-22.4
2 plough (approx. min. drawbar HP-12).	822	574,511	2,757	(a)	2,217,684	(a)
2-3 plough (approx. min. drawbar HP-16)	552	580,923	359	-35.0	387,063	-33.4
3-4 and larger.....	1,420	1,735,810	1,256	-11.5	1,521,083	-12.4
Track Type Tractors (farm use)	187	294,947	189	+1.1	426,454	+44.6
Garden Tractors.....	160	55,236	229	+43.1	59,930	+8.5
Stationary Engines and Power Units -						
Less than 5 H.P.	5,651	638,262	7,180	+27.1	868,901	+36.1
5 H.P. and larger.....	379	52,822	174	-54.1	34,537	-34.6
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN, TOTAL.....	-	49,806	-	-	43,971	-11.7
Sprayers and Dusters, Hand.	8,208	20,043	16,583	(a)	20,589	+2.7
Sprayers and Dusters, Traction.....	144	10,555	58	-59.7	9,216	-12.7
Sprayers, Power.....	52	19,208	45	-13.5	14,166	-26.2
FARM WAGONS, TRUCKS AND SLEIGHS, TOTAL.....	-	407,176	-	-	993,089	(a)
Wagon Boxes.....	2,498	93,989	1,766	-29.3	71,010	-24.4
Wagon Gears (wooden wheel, standard).....	512	46,700	651	+27.1	64,394	+37.9
Farm Trucks (low wheel, steel).....	1,789	121,807	2,209	+23.5	167,972	+37.9

(1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1945-1946
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 5 (1)		1 9 4 6			
	No. of units	Value \$	Units		Value	
			No.	Per cent change	Amount \$	Per cent change
FARM WAGONS, TRUCKS AND SLEIGHS, (Cont'd)						
Rubber Tired Gears or Trailers.....	128	23,777	1,990	(a)	354,272	(a)
All other Farm Wagons, Sleighs and Trucks.....	-	120,903	-	-	335,441	(a)
DOMESTIC WATER SYSTEMS AND PUMPS, TOTAL.....	-	841,206	-	-	938,059	+11.5
Hand Well Pumps (wood or metal).....	15,533	251,820	12,616	-18.8	256,201	+ 1.3
Domestic Water Systems - Deep well (except jets)	562	60,506	547	- 2.7	57,633	- 4.7
Shallow well (except jets).....	1,630	150,243	1,840	+12.9	173,429	+15.4
Jet type.....	729	72,515	520	-28.7	59,384	-18.1
Windmill Heads and Wheels..	740	40,220	973	+31.5	52,223	+29.8
Windmill Towers.....	537	40,137	637	+18.6	38,291	- 4.6
Pump Jacks.....	1,079	21,318	2,282	(a)	51,741	(a)
All other Pumps.....	11,743	204,447	19,291	+64.3	249,157	+21.9
DAIRY MACHINERY AND EQUIPMENT, TOTAL.....	-	938,073	-	-	1,216,797	+29.7
Milking Machines (complete equipment less pail units)	1,015	104,476	2,031	(a)	271,408	(a)
Milker Pail Units.....	1,845	125,055	2,178	+18.0	149,831	+19.8
Cream Separators - 300 lbs. and under.....	1,306	37,352	2,524	+93.3	73,424	+96.6
Over 300 lbs.....	11,387	649,171	11,758	+ 3.3	699,045	+ 7.7
Farm Milk Coolers.....	35	4,158	48	+37.1	3,094	-25.6
All other Dairy Machinery and Equipment.....	-	17,861	-	-	19,995	+11.9
BARN EQUIPMENT, TOTAL..	-	288,169	-	-	325,484	+12.9
Hay Fork Carriers.....	347	4,839	300	-13.5	8,976	+85.5
Stock Watering Cups and Bowls.....	1,831	10,632	3,162	+72.7	39,810	(a)
Stock Tank Heaters, wood or metal.....	6,813	62,218	4,270	-37.3	44,175	-29.2

(1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1945-1946
(values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 5 (2)		1 9 4 6			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
BARN EQUIPMENT, (Cont'd)						
Miscellaneous Barn Equipment.....	-	210,480	-	-	232,523	+10.5
POULTRY FARM EQUIP- MENT, TOTAL.....	-	211,059	-	-	330,867	+56.8
Brooders -						
Coal or wood.....	6,376	72,603	3,999	-37.3	52,445	-27.8
Oil or electric.....	412	6,959	3,095	(a)	46,086	(a)
Miscellaneous Poultry Farm Equipment.....	-	181,497	-	-	232,336	+76.7
MISCELLANEOUS FARM EQUIPMENT, TOTAL....	-	1,269,421	-	-	1,523,435	+20.0
Beekeepers' Supplies....	-	200,335	-	-	206,668	+ 3.2
Electric Fence Control- lers.....	6,409	42,998	7,564	+18.0	47,109	+ 9.6
Windchargers -						
Six volt.....	380	12,899	370	- 2.6	15,905	+23.3
Other.....	708	131,396	401	-43.4	82,934	-36.9
Electric Lighting Plants	2,362	736,279	3,886	+64.5	930,619	+26.4
Farm Freezers (electric)	-	-	48	(a)	18,000	(a)
Miscellaneous Equipment.	-	145,514	-	-	222,200	+52.7
ATTACHMENTS FOR FARM IMPLEMENTS AND EQUIP- MENT, TOTAL (1).....	-	1,373,876	-	-	1,970,708	+17.7

(1) Due to changes in Accounting systems, it has been necessary to revise considerably the 1945 figure shown in last year's report for this item in order to provide a figure comparable to that which was available for 1946. See page (7) for explanation.

(2) Revised.



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Government
Publications

DOMINION BUREAU OF STATISTICS

MERCHANDISING AND SERVICES STATISTICS

OTTAWA, CANADA

DEPT. OF
POLITICAL ECONOMY

**FARM IMPLEMENT AND EQUIPMENT SALES
IN CANADA
1947**



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Minister of Trade and Commerce

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MERCHANDISING AND SERVICES STATISTICS
OTTAWA, CANADA

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16-1030 Prel.

SALES OF FARM IMPLEMENTS AND EQUIPMENT 1947

DEPT. OF
POLITICAL ECONOMY

PRELIMINARY REPORT

Preliminary tabulations of domestic sales of new farm implements and machinery indicate that sales in 1947 were 47% higher than in 1946. Total sales for the latter year, mainly at wholesale prices to dealers and agents, are estimated to be \$119,525,500 compared with \$81,372,195 in 1946.

The Prairie Provinces, accounting for 60.9% of the total sales for Canada compared with 56.1% in 1946, registered the greatest increase in dollar volume of sales over the previous year. Saskatchewan sales were up 64%, Alberta, 58% and Manitoba, 54%. Sales of new farm implements and machinery in Ontario were 37% above 1946, while sales in Quebec, British Columbia and the Maritimes were up 27%, 23%, and 14% respectively.

Table 1. - Regional Distribution of Farm Implement and Equipment Sales, 1946-1947 (1)
(Values chiefly at wholesale prices)

Region	1946		1947		Per cent increase $\frac{1947}{1946}$
	Amount	% of Canada total	Amount	% of Canada total	
CANADA.....	\$ 81,372,195	100.0	\$ 119,525,500	100.0	+46.9
Maritime Provinces ...	3,763,949	4.6	4,287,100	3.6	+13.9
Quebec	8,862,669	10.9	11,211,300	9.4	+26.5
Ontario	20,202,645	24.8	27,657,400	23.1	+36.9
Manitoba	9,924,778	12.2	15,244,500	12.8	+53.6
Saskatchewan	20,219,090	24.9	33,078,400	27.7	+63.6
Alberta	15,463,456	19.0	24,447,700	20.4	+58.1
British Columbia	2,935,608	3.6	3,599,100	3.0	+22.6

(1) Preliminary.

SALES OF REPAIR PARTS

A more moderate increase was reported for sales of repair parts which are estimated at \$22,936,175 for 1947, 10% higher than the \$20,790,007 recorded for 1946.

The greatest percentage increase (25%) was registered in British Columbia but this province accounted for only 2% of the sales in the Dominion. An increase of 19% over 1946 was reported in Ontario which accounted for 18% of the sales of repair parts. 71.5% of the total sales of repair parts was made in the Prairie Provinces where increases over 1946 were; Manitoba, 16%; Saskatchewan, 5%; and Alberta, 8%. Sales in the Maritime Provinces were up 11% and in Quebec, 9%.

Table 2. - Regional Distribution of Sales of Repair Parts, 1946-1947 (1)
(Values chiefly at wholesale prices)

Region	1946		1947		Per cent Increase 1947 1946
	Amount	% of Canada total	Amount	% of Canada total	
	\$		\$		
CANADA	20,790,007	100.0	22,936,200	100.0	+10.3
Maritime Provinces	504,981	2.4	559,000	2.4	+10.7
Quebec	1,361,276	6.5	1,481,100	6.4	+ 8.8
Ontario	3,447,695	16.6	4,102,700	17.9	+19.0
Manitoba	3,012,792	14.5	3,479,800	15.2	+15.5
Saskatchewan	7,330,155	35.3	7,704,000	33.6	+ 5.1
Alberta	4,806,368	23.1	5,200,500	22.7	+ 8.2
British Columbia	326,740	1.6	409,100	1.8	+25.2

(1) Preliminary

Figures given in this bulletin may be subject to slight revisions in the final report which will also show sales by type of implement

DOMINION BUREAU OF STATISTICS
MERCHANDISING AND SERVICES STATISTICS
OTTAWA

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SALES OF FARM IMPLEMENTS AND EQUIPMENT IN CANADA, 1947

INTRODUCTION

Annual reports on the sales of farm implements and equipment in Canada, based on returns submitted by Canadian manufacturers and importers of foreign makes, have been compiled and published by the Bureau of Statistics since 1936. In 1945, the report was revised by adding to the number of separate classes of farm equipment for which sales figures were presented and by providing separate figures by class of equipment for the Prairie Provinces only.

For the purposes of this report, farm equipment is divided into 14 major purpose classifications. Each of these is further sub-divided, making a total of 170 individual classifications in all. In some instances, however, it has been necessary to combine closely related types or to assign certain types to the miscellaneous category within each major type in order to avoid disclosing operations of individual firms. In no instance are figures shown for fewer than three firms.

Some 300 manufacturers and importers reported sales for the year 1947. Each manufacturer was asked to report only sales of his own manufacture and sales of equipment which he imported. Sales of any machines or equipment purchased from other Canadian suppliers were to be excluded. Manufacturers' sales have been supplemented by sales of firms which imported machinery directly from other countries. Figures contained in this report relate to sales made to Canadian customers only; export sales have been excluded.

The present report covers the sales of new farm machinery, equipment and accessories, and shows separate figures for the sales of repair parts. Used machinery, binder twine and motor trucks were not included. Most of

Note: In some cases, the 1946 figures shown in this report differ from those published in the 1946 report. This is due to revisions made by individual firms in their recent reports and, in some cases, to the addition of firms which did not submit reports for the 1946 survey. Figures for years dating back to 1936 are contained in a special summary entitled "Farm Implement and Equipment Sales in Canada, 1936-1943". This report may be obtained from the Dominion Bureau of Statistics, Ottawa.

the statements on which this report was based relate to the calendar year 1947 or to the fiscal year ending October 31 or November 30, 1947. The value figures reported generally represent wholesale prices, but each respondent was asked to indicate the approximate mark-up required to bring the values to a retail basis. These data have been used in estimating the total cost to the farmer of new equipment purchased during the year under review.

GENERAL SUMMARY

Domestic sales of new farm implements and machinery, mainly at wholesale prices, amounted to \$120,649,687 in 1947, an increase of 48% over the revised estimate of \$81,698,185 for 1946. These figures do not include repair parts, for which separate figures are shown, nor sales of binder twine, motor trucks, or used equipment of any kind.

Supplementary figures giving the average mark-up as shown by the reporting firms indicated that the sales figure quoted above at wholesale prices should be increased by 21.5% to bring it to a retail value. The estimated amount spent by farmers on new farm implements and machinery, therefore, for the year 1947 was approximately \$146,589,000.

Sales of repair parts (at wholesale prices) in 1947 amounted to \$22,880,134, an increase of 10% over the \$20,827,005 reported for the year 1946. Applying an average mark-up of 31.3% to bring this figure to retail prices, it would appear that Canadian farmers spent approximately \$30,041,600 on repair parts in 1947.

REGIONAL DISTRIBUTION OF SALES OF NEW IMPLEMENTS AND EQUIPMENT

On a regional basis, the Prairie Provinces, accounting for 61.1% of all Canadian sales compared with 56.1% in 1946 and 60.6% in 1945, registered much larger increases over 1946 than the other provinces. Dollar value of sales in Manitoba was up 53% compared with 1946, in Saskatchewan, 62%, and in Alberta, 64%. An increase of 37% in sales was recorded for Ontario, of 26% for Quebec and British Columbia, and of 14% for the Maritime Provinces.

Of the total sales (at wholesale prices) of \$120,649,687, 27% was accounted for by Saskatchewan, 23% by Ontario, 21% by Alberta and 13% by Manitoba. Quebec sales were 9% of the total, while the Maritime Provinces and British Columbia were responsible for only 4% and 3% respectively.

REGIONAL DISTRIBUTION OF REPAIR PARTS SALES

Of the total sales of repair parts of \$22,880,134, 71.3% was made in the Prairie Provinces compared with 72.9% in 1946. Eighteen per cent of the Canadian sales of repair parts was made in Ontario, while the remaining 11% was accounted for by Quebec (6.5%), the Maritimes (2.4%), and British Columbia (1.8%).

Compared with 1946, the greatest increase in dollar sales of repair parts occurred in British Columbia and amounted to 32%. Repair parts sales were up 19% in Ontario and 14% in Manitoba, with increases in the other provinces ranging between 5% and 10%.

Table 1. - Regional Distribution of Farm Implement and Equipment Sales, 1946-1947
(Values chiefly at wholesale prices)

Region	1946 (1)		1947		Per cent increase 1947/1946
	Amount	% of Canada total	Amount	% of Canada total	
	\$		\$		
CANADA	81,698,185	100.0	120,649,687	100.0	+47.7
Maritime Provinces	3,768,645	4.6	4,312,883	3.6	+14.4
Quebec	8,867,989	10.9	11,174,016	9.3	+26.0
Ontario	20,268,580	24.8	27,804,205	23.0	+37.2
Manitoba	9,987,683	12.2	15,227,377	12.6	+52.5
Saskatchewan	20,308,054	24.9	32,846,966	27.2	+61.7
Alberta	15,698,660	19.2	25,760,033	21.3	+64.1
British Columbia	2,798,574	3.4	3,524,207	3.0	+25.9

(1) Revised.

Table 2. - Regional Distribution of Sales of Repair Parts, 1946-1947
(Values chiefly at wholesale prices)

Region	1946 (1)		1947		Per cent increase 1947/1946
	Amount	% of Canada total	Amount	% of Canada total	
	\$		\$		
CANADA	20,827,005	100.0	22,880,134	100.0	+ 9.9
Maritime Provinces	505,027	2.4	557,102	2.4	+10.3
Quebec	1,362,486	6.5	1,477,423	6.5	+ 8.4
Ontario	3,481,052	16.7	4,129,211	18.0	+18.6
Manitoba	2,999,607	14.4	3,413,834	14.9	+13.8
Saskatchewan	7,348,265	35.3	7,682,510	33.6	+ 4.5
Alberta	4,821,057	23.2	5,210,992	22.8	+ 8.1
British Columbia	309,511	1.5	409,062	1.8	+32.2

(1) Revised.

SALES BY TYPE OF EQUIPMENT IN CANADA

Of the total Canadian sales of \$120,649,687, \$41,522,956 or 34% were tractors and engines, while sales of harvesting machinery made up 19% of the total. The next important classification from the point of view of volume of sales was ploughs which accounted for 7% of all sales.

Increases ranging upward from 30% were recorded for all but three of the major types of implement classifications. A drop of 17% from 1946 was recorded in sales of dairy machinery and equipment, while sales of poultry farm equipment were 5% below 1946. On the other hand, sales of farm wagons, trucks and sleighs more than doubled between the two years, while an increase of 66% was recorded in sales of tractors and engines. The harvesting machinery group followed with a gain of 48%, with ploughs and haying machinery both 41% above 1946.

Table 3 presents sales of farm implements and equipment for each of the major groups for Canada and for the Prairie Provinces, showing the percentage changes and the proportions which sales in the Prairie Provinces form of the Dominion total. Table 4 presents detailed figures for each classification for Canada. Similar figures for the Prairie Provinces only are given in Table 5, but here it has been necessary to reduce the number of classifications for which figures are shown in view of the smaller number of firms reporting.

Planting, Seeding and Fertilizing Machinery

Sales of the planting, seeding and fertilizing machinery group as a whole increased 37% in value from \$3,645,721 in 1946 to \$5,003,950 in 1947. The most important individual class of implement in this group from point of view of volume of sales was grain drills of the plain type which showed a slight drop in number of units, from 5,737 in 1946 to 5,701 in 1947, and an increase of 23% in value. Sales of grain drills of the press type more than doubled in number between the two years. Sales of manure spreaders, the other important class of implement in this group, showed an increase of 23% in number of four wheel manure spreaders, and of 83% in number of units of the two wheel type. Horse or tractor drawn corn planters, potato planters, and beet and bean drills showed a drop in number of units from 1946.

Ploughs

Sales of ploughs were valued at \$7,808,187 in 1947, an increase of 41% over the \$5,536,666 reported for 1946. Horse drawn mouldboard ploughs (walking) decreased 25% in number, while substantial gains were reported in sales of all other types.

Tilling, cultivating and weeding machines.

Despite sizeable decreases in certain classes of tilling, cultivating and weeding machines, an increase of 35% was shown in 1947 sales over 1946. There were fewer horse drawn disc harrows, corn cultivators, tractor mounted field cultivators, scufflers and hand operated wheeled cultivators and weeders sold in 1947 than in 1946, but all other types of cultivating and weeding machines showed increased sales. Sales of weeders of various kinds were four times greater in 1947 than in 1946.

Haying Machinery

Side delivery rakes, tractor loaders and pick-up hay balers were largely responsible for the increase of 41% in dollar sales of the haying machinery group as a whole. These three types of machines more than doubled in number of units sold between the years 1946 and 1947. Tractor drawn and tractor mounted mowers and dump rakes also showed increased sales, but declines in number of units sold were reported for all other classifications in this group.

Harvesting Machinery

Marked gains were reported in numbers of combines, swathers or windrowers, corn pickers and forage crop and ensilage harvesters over 1946. In the grain binder and corn binder classes, there was a drop in number of ground drive type with large increases in power take-off binders. The number of units of potato diggers (traction) declined while the power take-off type increased.

Machines for Preparing Crops for Market or Use

From point of view of value, threshers were the most important individual type of machines in this category. Threshers (with feeder and blower) increased 42% in number of units, from 1,141 in 1946 to 1,614 in 1947. More than double the number of ensilage or forage crop blowers or elevators, ensilage cutters, feed cutters and hand corn shellers were sold in 1947 than in the previous year, while a major increase was also reported for fanning mills. However, there were declines in several classes, namely, grain grinders, rollers or crushers, pulpers, feed mixers, potato sorters and power-operated corn shellers.

Tractors and Engines

Increases in sales were common to all sizes of standard and row crop wheel tractors but were more pronounced in the larger sizes than in the smaller types. Garden tractor sales were 77% above the 1946 figure. Major increases were also reported in the number of stationary engines sold by farm implement firms.

Dairy Machinery and Equipment

Farm milk coolers was the only class in this group for which 1947 sales exceeded those for 1946. Sales of the two most important types of dairy equipment, milking machines and cream separators, dropped considerably from the 1946 level.

Other Types of Equipment

The only other major group to register a drop in sales between 1946 and 1947 was poultry farm equipment and here the decline was due to considerably fewer sales of incubators which offset fairly substantial increases in sales of brooders and other poultry farm equipment.

Other Types of Equipment (Cont'd.)

Value of farm wagons, trucks and sleighs sold by farm equipment firms in 1947 was more than double the value in 1946. The exceptional increase in rubber tired gears or trailers sold was entirely responsible for the large increase in the group as a whole, sales of both wagon gears and farm trucks being considerably lower than in 1946.

In the category domestic water systems and pumps, increases occurred in hand wheel pumps and domestic water systems except of the jet type where the number dropped by one third from 1946. Sales of windmills also declined by 14% from the previous year.

All classes of barn equipment registered increased sales except stock watering cups and bowls which dropped 14% in number of sales.

All items in the miscellaneous group showed smaller sales in 1947 than in 1946 except the non-specified items which more than doubled.

Attachments

Sales of attachments in 1947 amounted to \$6,459,330. This represents all attachments whether sold separately or as part of a new machine and is not comparable with the amount shown for 1946 as, in that year, some firms were not able to show their total sales of attachments separately from sales of machines. While it is not possible to give strictly comparable figures for 1946, it is estimated that 1947 sales of attachments were approximately 50% higher than in 1946.

SALES IN THE PRAIRIE PROVINCES

The gain in volume of sales between 1946 and 1947 for the Prairie Provinces considerably exceeded that for Canada as a whole. Sales in the Prairies were 61% above 1946, while for Canada, the increase amounted to 48%.

Of the total sales of harvesting machinery in Canada, 87% was accounted for by the Prairie Provinces, which were also responsible for 65% of all tractor sales and 76% of plough sales. Sales in all of these groups showed substantially larger increases over 1946 in the Prairie Provinces than in the rest of Canada.

The reader is referred to Table 5 for details regarding the number and value of sales of individual types of implements in the Prairie Provinces.

Table 3. - Summary of Sales of New Farm Machinery and Equipment by Types

	CANADA			PRAIRIE PROVINCES			
	1946 (1)	1947	% Increase 1947/1946	1946 (1)	1947	% Increase 1947/1946	1947 as % of Canada total
ALL TYPES, TOTAL	\$ 81,698,185	\$ 120,649,687	+47.7	\$ 45,994,397	\$ 73,834,376	+60.5	61.2
Planting, seeding and fertiliz- ing machinery	3,645,721	5,003,950	+37.3	1,633,666	2,571,277	+57.4	51.4
Ploughs	5,536,666	7,808,187	+41.0	3,805,919	5,910,138	+55.3	75.7
Tilling, cultivating and weeding machinery	4,647,663	6,266,411	+34.8	2,414,401	3,691,168	+52.9	58.9
Haying machinery	3,732,709	5,254,497	+40.8	1,080,857	2,111,881	+95.4	40.2
Harvesting machinery	15,210,560	22,527,502	+48.1	12,762,063	19,695,712	+54.3	87.4
Machines for preparing crops for market or use	3,781,995	5,151,067	+36.2	1,610,767	2,445,079	+51.8	47.5
Tractors and engines	24,982,972	41,522,956	+66.2	15,057,880	26,812,852	+78.1	64.6
Spraying and dusting equipment (orchard or garden)	747,767	988,761	+32.2	43,971	78,787	+79.2	8.0
Farm wagons, trucks and sleighs .	1,609,389	3,555,941	(a)	993,058	1,764,912	+77.7	49.7
Domestic water systems and pumps	3,909,645	5,216,300	+33.4	922,182	1,155,444	+25.3	22.2
Dairy machinery and equipment ...	5,977,214	4,959,397	-17.0	1,221,409	939,910	-23.0	19.0
Barn equipment	1,416,943	1,849,066	+30.5	325,100	350,159	+ 7.7	18.9
Poultry farm equipment	748,084	713,340	- 4.6	332,133	265,314	-20.1	37.2
Miscellaneous farm equipment	2,949,910	3,374,982	+14.4	1,613,342	1,490,392	- 7.6	44.2
Attachments for farm implements and equipment (2)	2,800,947	6,459,330	(2)	2,177,649	4,551,351	(2)	70.5

(1) Revised

(2) 1946 figures for attachments are incomplete due to lack of separate figures for this class in some instances.

The actual percentage increase for firms which provided comparable figures for the two years was 51% for Canada and 40% for the Prairie Provinces.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (1)		1947			
	No. of Units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
ALL TYPES, TOTAL	-	81,698,185	-	-	120,649,687	+47.7
PLANTING, SEEDING AND FERTILIZING MACHINERY, TOTAL	-	3,645,721	-	-	5,003,950	+37.3
Corn Planters -						
Horse or tractor drawn.	489	56,440	405	-17.2	54,221	- 3.9
Tractor mounted	91	14,428	212	(a)	34,051	(a)
Potato Planters	915	174,505	540	-41.0	113,511	-35.0
Transplanters	135	20,838	429	(a)	73,351	(a)
Beet and Bean Drills	168	26,588	138	-17.9	36,221	+36.2
Grain and Fertilizer Drills (combination)...	2,686	542,341	3,561	+32.6	709,206	+30.8
Grain Drills -						
Plain	5,737	1,584,564	5,701	- 0.6	1,948,736	+23.0
Press	386	115,168	865	(a)	341,713	(a)
Fertilizer and Lime Sowers - Horse or tractor drawn	511	60,980	620	+21.3	74,041	+21.4
Manure Spreaders - Horse or tractor drawn -						
Four wheel	4,368	788,509	5,352	+22.5	1,050,768	+33.3
Two wheel	1,278	186,538	2,342	+83.3	525,171	(a)
All Other Planting, Seeding and Fertilizing Machinery	-	74,822	-	-	42,960	-42.6
PLUGHS, TOTAL	39,450	5,536,666	44,682	+13.3	7,808,187	+41.0
Mouldboard Ploughs - Horse drawn -						
Walking ploughs-						
One furrow	11,201	261,986	8,430	-24.7	187,931	-28.3
Two furrow	1,575	94,419	1,179	-25.1	73,508	-22.1
Sulky ploughs-one furrow	61	4,033	67	+ 9.8	3,569	-11.5
Riding gang ploughs - two furrow	144	22,066	203	+41.0	30,158	+36.7
Mouldboard Ploughs - Tractor drawn -						
Two furrow	4,499	584,476	5,850	+30.0	768,348	+31.5
Three furrow	3,798	653,467	4,301	+13.2	713,625	+ 9.2
Four furrow or larger	657	143,327	1,394	(a)	319,734	(a)
Mouldboard Ploughs - Tractor mounted	6,699	610,102	7,443	+11.1	750,081	+22.9

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 6 (1)		1 9 4 7			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
PLOUGHS (cont'd)						
Disc Ploughs	22	3,090	369	(a)	63,024	(a)
One-way Discs	8,901	3,062,602	12,549	+41.0	4,761,211	+55.5
All Other Ploughs	1,893	97,098	2,897	+53.0	136,998	+41.1
TILLING, CULTIVATING AND WEEDING MACHINERY, TOTAL	-	4,647,663	-	-	6,266,411	+34.2
Harrows -						
Drag harrows (sections)	55,578	362,599	61,093	+ 9.9	405,337	+12.0
Spring tooth harrows (sections)	6,678	234,216	12,295	+84.1	320,379	+36.8
Disc harrows -						
Horse drawn	5,427	342,430	2,044	-62.3	125,388	-63.4
Tractor drawn -						
Single	2,889	402,076	3,470	+20.1	529,300	+31.6
Tandem	7,112	896,284	9,819	+38.1	1,344,667	+50.0
Land Rollers, Soil Pulver- isers and Packers (in- cluding trailer packers)	5,164	191,389	7,362	+42.6	299,075	+36.3
Scufflers and Cultivators-						
Scufflers	12,827	184,813	10,720	-16.4	143,138	-22.5
Corn cultivators -						
Two horse	521	50,468	465	-10.7	46,403	- 8.1
Tractor mounted	2,439	271,580	3,135	+22.5	349,953	+22.9
Field cultivators -						
Horse drawn	831	74,535	924	+11.2	75,282	+ 1.0
Tractor drawn	5,437	919,123	8,279	+52.3	1,637,381	+72.1
Tractor mounted	2,203	228,222	1,541	-30.0	179,001	-21.6
Beet, bean and veget- able cultivators -						
Horse or tractor drawn	1,304	79,759	2,137	+65.9	70,310	-11.8
Tractor mounted	103	12,391	256	(a)	15,878	+28.1
Rod Weeders	773	96,275	1,829	(a)	266,537	(a)
Wire and Blade Weeders ...	646	73,062	3,841	(a)	181,389	(a)
Hand Operated Wheeled Cultivators and Weeders	10,849	58,023	8,781	-19.1	41,246	-22.9
All Other Cultivating and Weeding Machinery .	-	170,418	-	-	235,107	+38.0

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (1)		1947			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
HAYING MACHINERY, TOTAL	-	3,732,709	-	-	5,254,497	+40.8
Mowers -						
Horse drawn	11,472	1,301,522	10,685	- 6.9	1,245,083	- 4.3
Tractor drawn	383	62,065	942	(a)	166,457	(a)
Tractor mounted	2,592	390,513	3,036	+17.1	435,834	+11.6
Hay Loaders	4,167	675,489	3,994	- 4.2	658,629	- 2.5
Dump Rakes	8,343	505,264	8,860	+ 6.2	551,265	+ 9.1
Side Delivery Rakes	1,230	194,633	3,053	(a)	498,385	(a)
Sweeps -						
Hay sweeps - horse	264	15,223	133	-49.6	6,715	-55.9
Hay or stook sweeps - tractor	895	102,500	850	- 5.0	129,129	+26.0
Tractor Loaders (with hay sweep or manure bucket) .	771	197,305	1,920	(a)	697,567	(a)
Hay Stackers (overshot) ..	229	30,571	201	-12.2	27,129	-11.3
Pick-Up Hay Balers	154	252,717	527	(a)	820,717	(a)
All Other Haying Machinery	-	4,907	-	-	17,587	(a)
HARVESTING MACHINERY, TOTAL	-	15,210,560	-	-	22,527,502	+48.1
Combine Reaper Threshers -						
Six feet and under -						
Power take-off	828	604,003	1,203	+45.3	892,924	+47.8
Engine driven	1,279	1,211,532	1,742	+36.2	1,810,420	+49.4
Over six feet -						
Power take-off	621	710,885)	2,652	+34.6	4,235,502	+48.6
Engine driven	1,350	2,139,003)	3,413	+70.2	9,517,389	+67.1
Self-propelled	2,005	5,696,583	4,855	+76.6	2,016,835	+66.1
Swathers or Windrowers ...	2,749	1,214,257	4,855	+76.6	2,016,835	+66.1
Grain Binders -						
Ground drive	7,908	2,526,748	6,326	-20.3	2,059,931	-18.5
Power take-off	992	414,242	1,707	+72.1	737,830	+78.1
Corn Binders -						
Ground drive	513	134,377	481	- 6.2	145,830	+ 8.5
Power take-off	10	3,932	146	(a)	62,179	(a)
Corn Pickers -						
Pull type	144	98,748	200	+20.6	161,460	+63.5
Tractor mounted	39	21,791	343	(a)	210,805	(a)
Forage Crop and Ensilage						
Harvesters	119	70,427	276	(a)	191,898	(a)
Potato Diggers -						
Traction	1,025	155,107	849	-17.2	143,038	- 7.8
Power take-off	174	48,648	247	+42.0	79,836	+64.1

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (1)		1947			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
HARVESTING MACHINERY - (cont'd) -		\$			\$	
Beet Lifters - Horse or tractor drawn	208	18,810	159	-23.6	13,286	-29.4
All Other Harvesting Machinery	-	141,407	-	-	248,339	+75.6
MACHINES FOR PREPARING CROPS FOR MARKET OR USE, TOTAL	-	3,781,995	-	-	5,151,067	+36.2
Threshers -						
With feeder and blower.	1,141	1,239,211	1,614	+41.5	1,966,095	+58.7
All other	366	62,393	165	-54.9	32,702	-47.6
Ensilage or Forage Crop Blowers or Elevators ..	83	12,968	229	(a)	41,853	(a)
Ensilage Cutters	346	146,753	919	(a)	346,601	(a)
Feed Cutters, Hand and Power	82	2,551	309	(a)	14,104	(a)
Corn Shellers -						
Hand	80	1,501	195	(a)	48,701	(a)
Power	55	8,573	45	-18.2	8,700	+ 1.5
Hay and Straw Balers (Stationary)	24	22,701	30	+25.0	32,551	+43.4
Grain Grinders -						
6" or less	1,160	206,152	1,062	- 8.4	174,987	-15.1
Over 6"	6,290	344,843	5,666	- 9.9	313,944	- 9.0
Rollers or Crushers and Pulpers	1,570	70,304	1,132	-27.9	68,930	- 2.0
Fanning Mills and Grain Cleaners	2,421	258,383	3,798	+56.9	311,021	+20.4
Hammermills	2,300	314,733	2,836	+23.3	459,970	+46.1
Feed Mixers	732	78,039	481	-34.3	57,400	-26.4
Potato Sorters and Graders	109	25,865	68	-37.6	15,127	-41.5
Maple Syrup Evaporators ..	812	131,498	1,058	+30.3	202,614	+54.1
Grain Loaders and Elevators	6,955	689,595	7,562	+ 8.7	822,765	+19.3
All Other Machines for Preparing Crops for Market or Use	-	165,932	-	-	233,002	+40.4

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 6 (1)				1 9 4 7		
	No. of units	Value	Units		Value		
			No.	Per cent change	Amount	Per cent change	
		\$			\$		
TRACTORS AND ENGINES, TOTAL	-	24,982,972	-	-	41,522,956	+66.2	
Wheel Tractors -							
Standard -							
1 plough (approx. min. drawbar HP-9)	293	214,261	1,088	(a)	707,649	(a)	
2 plough (approx. min. drawbar HP-12)	2,786	2,266,781	3,807	+36.8	3,742,755	+65.1	
2-3 plough (approx. min. drawbar HP-16)	2,788	3,227,284	3,613	+29.6	4,371,993	+35.5	
3-4 plough (approx. min. drawbar HP-20)	2,359	3,410,989	4,401	+86.6	6,554,846	+92.2	
Larger	1,877	2,952,513	3,724	+98.4	6,647,958	(a)	
General purpose (row crop) -							
1 plough (approx. min. drawbar HP-9)	1,533	1,054,734	1,733	+13.0	1,083,549	+ 2.7	
2 plough (approx. min. drawbar HP-12)	7,421	5,964,067	9,248	+24.6	8,108,983	+36.0	
2-3 plough (approx. min. drawbar HP-16)	1,057	1,148,251	2,817	(a)	3,196,119	(a)	
3-4 plough and larger	1,626	1,993,127	2,531	+55.7	3,321,166	+66.6	
Track Type Tractors (farm use)	308	643,513	301	- 2.3	729,477	+13.4	
Garden Tractors	2,203	666,541	3,904	+77.2	923,538	+38.6	
Stationary Engines and Power Units -							
Less than 5 H.P.	10,598	1,309,815	17,201	+62.5	1,763,090	+34.6	
5 H.P. and larger	608	131,096	1,183	+94.6	371,833	(a)	
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN), TOTAL	-	747,767	-	-	988,761	+32.2	
Sprayers and Dusters, Hand (including barrel and wheelbarrow)	72,771	197,648	85,922	+18.1	237,416	+20.1	
Sprayers and Dusters, Traction	925	177,790	619	-33.1	127,061	-28.5	
Sprayers, Power -							
1-6 gal. pump	141	49,719	184	+30.5	54,102	+ 8.8	
7-15 gal. pump	283	110,666	474	+67.5	170,685	+54.2	

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 6 (1)		1 9 4 7			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN), TOTAL (cont'd)						
Sprayers, Power - (cont'd)						
Over 15 gal. pump.....	149	145,998	351	(a)	313,792	(a)
Dusters, Power	141	65,946	351	+78.0	85,705	+30.0
FARM WAGONS, TRUCKS AND SLEIGHS, TOTAL	-	1,609,389	-	-	3,553,941	(a)
Wagon Boxes	2,051	81,171	3,621	+76.5	135,776	+67.3
Wagon Gears (wooden wheel, standard)	2,600	255,058	1,812	-30.3	184,925	-27.5
Farm Trucks (low wheel, steel)	3,367	272,408	2,752	-18.5	271,910	- 0.2
Rubber Tired Gears or Trailers	3,495	610,045	13,395	(a)	2,557,553	(a)
All Other Farm Wagons, Sleighs and Trucks	-	390,707	-	-	603,767	+54.5
DOMESTIC WATER SYSTEMS AND PUMPS, TOTAL	-	3,909,645	-	-	5,216,300	+33.4
Hand Well Pumps (wood or metal)	24,397	511,055	25,143	+ 3.1	572,382	+12.0
Domestic Water Systems - Deep well (except jets).	1,891	236,236	3,579	+89.3	486,483	(a)
Shallow well (except jets)	21,208	1,892,262	29,590	+39.3	2,765,239	+46.1
Jet type	3,571	431,570	2,411	-32.5	300,665	-30.3
Windmill Heads and Wheels .	1,477	81,602	1,270	-14.0	86,383	+ 5.9
Windmill Towers	668	39,105	570	-14.7	48,930	+25.1
Pump Jacks	4,180	92,688	4,850	+16.0	127,530	+37.6
All Other Pumps	58,252	625,127	81,006	+39.1	828,688	+32.6
DAIRY MACHINERY AND EQUIPMENT, TOTAL	-	5,977,214	-	-	4,959,397	-17.0
Milking Machines (complete equipment less pail units)	14,450	1,579,716	11,580	-19.9	1,269,627	-19.6
Milker Pail Units	22,735	1,607,251	18,920	-16.8	1,286,666	-19.9
Cream Separators - 300 lbs. and under	6,552	191,664	5,229	-20.2	158,770	-17.2
Over 300 lbs	27,039	2,033,946	18,011	-33.4	1,454,707	-28.5

(1) Revised.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (1)		1947			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
DAIRY MACHINERY AND EQUIPMENT (cont'd)						
Farm Milk Coolers	1,535	389,332	2,362	+53.9	610,329	+56.8
Butter Churns (farm use) ..	11,710	109,183	11,715	(x)	104,989	- 3.8
All Other Dairy Machinery and Equipment	-	66,122	-	-	74,309	+12.4
BARN EQUIPMENT, TOTAL ..	-	1,416,943	-	-	1,849,066	+30.5
Complete Feed Carriers	134	9,849	154	+14.9	11,887	+20.7
Complete Litter Carriers ..	2,506	195,555	3,923	+56.5	303,219	+55.1
Track for Feed and Litter Carriers (feet)	248,360	115,995	266,391	+ 7.3	149,921	+29.2
Hay Forks	5,887	13,493	2,963	+29.6	19,513	+44.6
Hay Fork Carriers	4,811	129,394	7,053	+46.6	189,290	+46.3
Track for Hay Carriers (feet)	140,550	66,924	221,409	+22.8	93,298	+39.4
Stable Stalls and Livestock Pens (units)	2,468	299,028	26,210	+25.6	389,855	+30.4
Cattle Stanchions	18,005	60,531	30,560	69.7	113,858	+88.1
Stock Watering Cups and Bowls	48,143	279,109	56,258	-13.8	286,162	+ 2.5
Stock Tank Heaters	4,320	44,175	4,546	+ 5.2	54,299	+22.9
Miscellaneous Barn Equipment	-	202,890	-	-	237,764	+17.2
POULTRY FARM EQUIPMENT, TOTAL	-	748,084	-	-	713,340	- 4.6
Incubators -						
150 egg to 2,000 egg capacity	760	19,157	352	-53.7	10,987	-42.6
Over 2,000 egg capacity ..	122	287,737	65	-46.7	126,233	-56.1
Brooders -						
Coal or wood	8,216	104,310	8,843	+ 7.6	132,283	+26.8
Oil	2,903	81,802	8,761	+48.4	139,443	+70.5
Electric and Battery	3,191	79,953	3,865	+21.1	99,549	+24.5
Egg Handling Equipment	-	10,053	-	-	7,618	-24.2
Miscellaneous Poultry Farm Equipment	-	165,052	-	-	197,227	+19.5
MISCELLANEOUS FARM EQUIPMENT, TOTAL	-	2,949,910	-	-	3,374,982	+14.4
Beekeepers' Supplies	-	407,837	-	-	375,201	- 8.0

(1) Revised.

(x) Less than .05 per cent.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (1)		1947			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
MISCELLANEOUS FARM EQUIPMENT (cont'd)		\$			\$	
Electric Fence Controllers.	24,634	228,943	15,352	-37.7	129,658	-43.4
Wood Sawing Machines	3,281	163,549	3,375	+ 2.9	162,997	- 0.3
Windchargers -						
Six volt	386	16,494	336	-13.0	13,959	-15.4
Other	446	103,305	366	-17.9	87,463	-15.3
Electric Lighting Plants -						
32 volt	2,430	648,554	1,388	-42.9	397,285	-38.7
110 volt	2,562	784,676	1,498	-41.5	788,741	+ 0.5
Miscellaneous Equipment ...	-	596,522	-	-	1,419,678	(a)
ATTACHMENTS FOR FARM IMPLEMENTS AND EQUIPMENT, TOTAL (2)	-	2,800,947	-	-	6,459,330	(2)

(1) Revised.

(2) 1946 figures for attachments are incomplete due to lack of separate figures for this class in some instances. The actual percentage increase for firms which provided comparable figures for the two years was 51%.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only, by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (1)		1947			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
ALL TYPES, TOTAL	-	\$ 45,994,397	-	-	\$ 73,834,376	+60.5
PLANTING, SEEDING AND FERTILIZING MACHINERY, TOTAL	-	1,633,666	-	-	2,571,277	+57.4

1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 6 (1)		1 9 4 7			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
PLANTING, SEEDING AND FERTILIZING MACHINERY, (Cont'd)		\$			\$	
Potato Planters	86	13,406	74	-14.0	14,472	+ 8.0
Grain Drills -						
Plain	4,521	1,391,360	5,461	+20.8	1,874,172	+34.7
Press	386	115,168	864	(a)	341,334	(a)
Manure Spreaders -						
Horse or tractor drawn -						
Four wheel	299	58,964	627	(a)	161,863	(a)
Two wheel	77	14,813	512	(a)	137,729	(a)
All Other Planting, Seeding and Fertilizing Machinery	-	39,955	-	-	41,707	+ 4.4
PLOUGHS, TOTAL	-	3,805,919	-	-	5,910,138	+55.3
Mouldboard Ploughs - Horse drawn -						
Walking ploughs	148	3,445	97	-34.5	6,340	+84.0
Sulky ploughs - one furrow	141	21,136	104	-26.2	15,778	-25.4
Riding gang ploughs - two furrow						
Mouldboard Ploughs - Tractor drawn -						
Two furrow	938	128,092	1,696	+80.8	235,562	+83.9
Three furrow	2,122	393,654	2,392	+12.7	421,324	+ 7.0
Four furrow or larger ..	597	138,064	1,314	(a)	311,185	(a)
Mouldboard Ploughs - Tractor mounted	1,696	152,303	2,788	+64.4	309,466	+35.5
One-way Discs	8,408	2,932,683	11,754	+39.8	4,563,664	+55.6
All Other Ploughs	231	30,542	353	+52.8	46,219	+53.3
TILLING, CULTIVATING AND WEEDING MACHINERY, TOTAL	-	2,414,401	-	-	3,691,168	+52.9
Harrows -						
Drag harrows (sections).	43,338	251,671	51,637	+19.1	333,667	+32.6
Spring tooth harrows (sections)	978	34,741	1,773	+81.3	62,331	+79.4
Disc harrows -						
Horse drawn	1,628	128,532	312	-80.8	24,824	-80.7
Tractor drawn -						
Single	2,101	360,909	2,930	+39.5	500,742	+38.7
Tandem	1,235	195,940	2,015	+55.6	340,378	+74.0

(1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (1)		1947			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
TILLING, CULTIVATING AND WEEDING MACHINERY, (Cont'd)		\$			\$	
Land Rollers, Soil Pulveris- ers and Soil Packers - (including trailer packers)	4,773	169,409	6,194	+29.8	219,789	+29.7
Scufflers and Cultivators - Scufflers	2,405	31,710	2,820	+17.3	37,653	+18.7
Corn cultivators - Two horse	81	8,537	36	-55.6	3,068	-64.1
Tractor mounted	237	25,356	128	-46.0	17,328	-31.7
Field cultivators - Horse drawn	224	26,764	123	-45.1	16,563	-38.1
Tractor drawn	4,113	757,126	6,911	+68.0	1,464,377	+93.4
Tractor mounted	1,219	119,725	803	-34.1	97,514	-18.6
Beet, bean and vegetable cultivators - Horse or tractor drawn	105	5,919	77	-26.7	5,791	-2.2
Tractor mounted	82	9,782	93	+13.4	5,644	-41.3
Rod Weeders	763	94,559	1,822	(a)	265,774	(a)
Wire and Blade Weeders	444	62,157	905	(a)	153,608	(a)
Hand Operated Wheeled Cultivators and Weeders.	2,836	15,616	2,837	(x)	16,962	+8.6
All Other Cultivating and Weeding Machinery	-	115,948	-	-	144,555	+24.7
HAYING MACHINERY, TOTAL.	-	1,080,857	-	-	1,111,881	+29.4
Mowers - Horse drawn	2,492	297,330	3,089	+24.0	397,836	+33.8
Tractor drawn	290	46,413	406	+40.0	72,508	+56.2
Tractor mounted	1,070	163,461	1,557	+45.5	241,480	+47.7
Hay Loaders	484	117,868	490	+1.2	129,804	+10.1
Dump Rakes	1,767	113,084	2,464	+39.4	163,531	+44.6
Side Delivery Rakes	216	32,934	553	(a)	93,908	(a)
Sweeps - Hay sweeps - horse	252	14,578	133	-47.2	6,715	-53.9
Hay or stock sweeps - tractor	779	92,875	586	-24.8	107,231	+15.5
Tractor Loaders (with hay sweep or manure bucket).	318	101,432	1,390	(a)	575,821	(a)
Hay Stackers (overshot) ...	224	29,446	198	-11.6	26,632	-9.6
Pick-Up Hay Balers	44	70,402	183	(a)	289,830	(a)
All Other Haying Machinery.	-	1,034	-	-	6,585	(a)

(x) Less than .05 per cent.

(1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (1)		1947			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
HARVESTING MACHINERY, TOTAL	-	12,762,063	-	-	19,695,712	+54.3
Combine Reaper Threshers -						
Six feet and under -						
Power take-off	389	297,559	596	+55.2	455,316	+53.0
Engine driven	1,068	1,035,563	1,456	+36.3	1,493,928	+44.3
Over six feet -						
Power take-off	616	700,518	2,644	+36.3	4,221,420	+51.0
Engine driven	1,324	2,094,361	3,233	+71.8	9,059,573	+68.7
Self-propelled	1,882	5,369,508	4,846	+76.7	2,015,634	+66.2
Swathers or Windrowers ...	2,743	1,712,830	4,115	- 7.8	1,406,988	- 7.0
Grain Binders -						
Ground drive	4,461	1,512,535	1,540	+77.6	670,383	+84.9
Power take-off	867	362,584	101	- 9.0	18,417	- 6.0
Potato Diggers -						
Traction	111	19,595	34	(a)	17,785	(a)
Power take-off	18	5,620	93	- 2.1	7,546	- 8.3
Beet Lifters - Horse or tractor drawn	95	8,230	-	-	328,722	(a)
All Other Harvesting Machinery	-	143,100	-	-	-	-
MACHINES FOR PREPARING CROPS FOR MARKET OR USE, TOTAL	-	1,610,767	-	-	2,445,079	+51.8
Threshers	184	251,602	487	(a)	667,386	(a)
Ensilage Cutters	18	7,154	235	(a)	59,681	(a)
Grain Grinders -						
6" or less	17	2,935	11	-35.3	2,291	-21.9
Over 6"	4,477	236,865	4,572	+ 2.1	240,032	+ 1.3
Fanning Mills and Grain Cleaners	2,123	170,432	2,830	+29.6	210,183	+23.3
Hammermills	1,176	178,695	1,914	+62.8	294,716	+64.9
Feed Mixers	489	40,849	272	-44.4	35,953	-12.0
Grain Loaders and Elevators	6,574	664,920	7,176	+ 9.2	800,499	+20.4
All Other Machines for Preparing Crops for Market or Use	-	57,315	-	-	134,338	(a)

(1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 6 (1)		1 9 4 7			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
TRACTORS AND ENGINES, TOTAL	-	15,057,880	-	-	26,812,852	+78.1
Wheel Tractors -						
Standard -						
1 plough (approx. min. drawbar HP-9).)	1,488	1,278,005	2,450	+64.7	2,488,472	+94.7
2 plough (approx. min. drawbar HP-12))						
2-3 plough (approx. min. drawbar HP-16).	1,802	2,102,819	2,559	+42.0	3,132,447	+49.0
3-4 plough (approx. min. drawbar HP-20)	2,022	2,912,994	3,872	+91.5	5,738,169	+97.0
Larger	1,847	2,906,993	3,530	+94.4	6,396,514	(a)
General purpose (row crop) -						
1 plough (approx. min. drawbar HP-9).)	3,287	2,588,018	3,472	+ 5.6	3,312,173	+28.0
2 plough (approx. min. drawbar HP-12))						
2-3 plough (approx. min. drawbar HP-16)	359	387,063	1,107	(a)	1,336,414	(a)
3-4 plough (approx. min. drawbar HP-20)						
and larger	1,237	1,506,942	1,846	+49.2	2,433,858	+61.5
Track Type Tractors (farm use)	189	426,454	217	+14.8	554,270	+30.0
Garden Tractors	225	59,268	330	+46.7	73,739	+24.4
Stationary Engines and Power Units -						
Less than 5 H.P.....	7,162	848,555	11,480	+60.3	1,189,810	+40.2
5 H.P. and larger	183	40,769	428	(a)	156,986	(a)
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN), TOTAL	-	43,971	-	-	78,787	+79.2
Sprayers and Dusters, Hand (including barrel and wheelbarrow)	16,583	20,589	14,481	-12.7	30,488	+48.1
Sprayers and Dusters, Traction	58	9,216	25	-56.9	3,315	-64.0
Sprayers, Power	45	14,166	109	(a)	40,769	(a)
Dusters, Power	-	-	20	(a)	4,215	(a)

1) Revised.

Table 3. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (1)		1947			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
FARM WAGONS, TRUCKS AND SLEIGHS, TOTAL	-	993,058	-	-	1,764,312	+77.7
Wagon Boxes	1,766	71,010	2,634	+49.2	106,061	+49.4
Wagon Gears (wooden wheel, standard)	651	64,394	257	-60.5	29,210	-54.6
Farm Trucks (low wheel, steel)	2,209	167,941	1,466	-33.6	99,357	-40.8
Rubber Tired Gears or Trailers	1,990	354,272	5,611	(a)	990,637	(a)
All Other Farm Wagons, Sleighs and Trucks	-	335,441	-	-	539,647	+60.9
DOMESTIC WATER SYSTEMS AND PUMPS, TOTAL	-	922,182	-	-	1,155,444	+25.3
Hand Well Pumps (wood or metal)	12,616	256,201	12,137	- 3.8	261,243	+ 2.0
Domestic Water Systems - Deep well (except jets), Shallow well (except jets)	454	52,633	482	+ 6.2	79,331	+50.7
Jet type	1,986	172,237	2,841	+43.1	252,696	+46.2
Windmill Heads and Wheels .	526	60,384	434	-17.5	58,128	- 3.7
Windmill Towers	973	52,223	629	-35.4	44,874	-14.1
Pump Jacks	637	38,291	506	-20.6	43,085	+12.5
All Other Pumps	1,282	51,758	2,963	+30.1	86,202	+66.6
DAIRY MACHINERY AND EQUIPMENT, TOTAL	18,629	237,815	29,870	+60.3	329,825	+38.7
Milking Machines (complete equipment less pail units)	-	1,221,409	-	-	939,910	-23.0
Milker Pail Units	1,998	250,960	1,561	-21.9	219,317	-12.6
Cream Separators - 300 lbs. and under	2,398	162,236	1,701	-29.1	108,279	-33.3
Over 300 lbs	2,394	64,061	1,971	-17.7	59,611	- 6.9
Farm Milk Coolers	11,733	721,063	8,054	-31.4	528,710	-26.7
All Other Dairy Machinery and Equipment	48	3,094	63	+31.3	5,504	+77.9
	-	19,995	-	-	18,489	- 7.5

(1) Revised.

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1946-1947
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1946 (2)		1947			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
BARN EQUIPMENT, TOTAL ..	-	325,100	-	-	350,159	+ 7.7
Hay Fork Carriers	300	8,976	266	-11.3	9,451	+ 5.3
Cattle Stanchions	1,240	7,534	2,467	+99.0	15,979	(a)
Stock Watering Cups and Bowls	3,158	39,795	3,440	+ 8.9	45,920	+15.4
Stock Tank Heaters	4,315	44,100	4,528	+ 4.9	53,976	+22.4
Miscellaneous Barn Equipment	-	224,695	-	-	224,833	+ 0.1
POULTRY FARM EQUIPMENT, TOTAL	-	352,133	-	-	265,314	-20.1
Brooders -						
Coal or wood	3,999	52,445	4,685	+17.2	65,798	+25.5
Oil	2,775	38,776	5,525	+99.1	86,958	(a)
Electric	233	4,276	235	+ 0.9	4,856	+13.6
Miscellaneous Poultry Farm Equipment	-	236,636	-	-	107,702	-54.5
MISCELLANEOUS FARM EQUIPMENT, TOTAL	-	1,613,342	-	-	1,490,392	- 7.6
Beekeepers' Supplies	-	197,704	-	-	175,763	-11.1
Electric Fence Controllers.	6,678	47,109	2,369	-64.5	15,412	-67.3
Wood Sawing Machines	1,132	39,423	1,214	+ 7.2	45,864	+16.3
Windchargers -						
Six volt	368	15,738	319	-13.3	13,314	-15.4
Other	429	99,574	362	-15.6	86,141	-13.5
Electric Lighting Plants -						
32 volt	1,901	497,850	1,237	-34.9	352,201	-29.3
110 volt	2,166	516,228	903	-58.3	447,474	-13.3
Miscellaneous Equipment ...	-	199,716	-	-	354,223	+77.4
ATTACHMENTS FOR FARM IMPLEMENTS AND EQUIPMENT, TOTAL (1)	-	2,177,649	-	-	4,551,351	(1)

(1) 1946 figures for attachments are incomplete due to lack of separate figures for this class in some instances. The actual percentage increase for firms which provided comparable figures for the two years was 40%.

(2) Revised.

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**FARM IMPLEMENT
AND
EQUIPMENT SALES
1948**



**DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE**

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AND
EQUIPMENT SALES
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Published by Authority of the Rt. Hon. C. D. Howe
Minister of Trade and Commerce

Prepared in the Merchandising and Services Section
of the Industry and Merchandising Division,
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MERCHANDISING AND SERVICES SECTION

OTTAWA, CANADA

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30/3/49

16-1030 (Prel.)

SALES OF FARM IMPLEMENTS AND EQUIPMENT IN CANADA, 1948 - PRELIMINARY REPORT

In response to numerous requests for early figures on Sales of Farm Implements in 1948, the following preliminary estimates are presented. These are based on returns received to date and are subject to revision in the final report.

Preliminary Estimates of Sales of Farm Implements and Equipment - 1948 (Values chiefly at wholesale prices)

Region	1947		1948		Per cent increase 1948 1947
	Amount	% of Canada total	Amount	% of Canada total	
CANADA	\$ 121,220,000	100.0	\$ 167,667,000	100.0	+38.3
Maritime Provinces	4,313,000	3.6	5,437,000	3.2	+26.1
Quebec	11,174,000	9.2	14,424,000	8.6	+29.1
Ontario	27,878,000	23.0	38,315,000	22.8	+37.4
Manitoba	15,255,000	12.6	22,620,000	13.5	+48.3
Saskatchewan	32,947,000	27.2	45,212,000	27.0	+37.2
Alberta	26,000,000	21.4	36,535,000	21.8	+40.5
British Columbia	3,653,000	3.0	5,124,000	3.1	+40.3

Preliminary Estimates of Sales of Repair Parts - 1948 (Values chiefly at wholesale prices)

Region	1947		1948		Per cent increase 1948 1947
	Amount	% of Canada total	Amount	% of Canada total	
CANADA	\$ 23,052,000	100.0	\$ 26,256,000	100.0	+13.9
Maritime Provinces	557,000	2.4	581,000	2.2	+ 4.3
Quebec	1,477,000	6.4	1,720,000	6.6	+16.5
Ontario	4,134,000	17.9	4,607,000	17.5	+11.4
Manitoba	3,424,000	14.9	3,943,000	15.0	+15.2
Saskatchewan	7,823,000	34.0	8,786,000	33.5	+12.3
Alberta	5,218,000	22.6	6,130,000	23.3	+17.5
British Columbia	419,000	1.8	489,000	1.9	+16.7

FARM IMPLEMENT AND EQUIPMENT SALES IN CANADA, 1948

INTRODUCTION

Annual reports on the sales of farm implements and equipment in Canada, based on returns submitted by Canadian manufacturers and importers of foreign makes, have been compiled and published by the Bureau of Statistics since 1936. In 1945, the report was revised by adding to the number of separate classes of farm equipment for which sales figures were presented and by providing separate figures by class of equipment for the Prairie Provinces only.

For the purposes of this report, farm equipment is divided into 14 major purpose classifications. Each of these is further subdivided, making a total of 170 individual classifications in all. In some instances, however, it has been necessary to combine closely related types or to assign certain types to the miscellaneous category within each major type in order to avoid disclosing operations of individual firms. In no instance are figures shown for fewer than three firms.

Some 340 manufacturers and importers reported sales for the year 1948. Each manufacturer was asked to report only sales of his own manufacture and sales of equipment which he imported. Sales of any machines or equipment purchased from other Canadian suppliers were to be excluded. Manufacturers' sales have been supplemented by sales of firms which imported machinery directly from other countries. Figures contained in this report relate to sales made to Canadian customers only; export sales have been excluded.

The present report covers the sales of new farm machinery, equipment and accessories, and shows separate figures for the sales of repair parts. Used machinery, binder twine, and motor trucks were not included. Most of the statements on which this report was based relate to the calendar year 1948 or to the fiscal year ending October 31 or November 30, 1948. The value figures reported generally represent wholesale prices, but each respondent was asked to indicate the approximate mark-up required to bring the values to a retail basis. These data have been used in estimating the total cost to the farmer of new equipment purchased during the year under review.

Note: In some cases, the 1947 figures shown in this report differ from those published in the 1947 report. This is due to revisions made by individual firms in their recent reports and, in some cases, to the addition of firms which did not submit reports for the 1947 survey. Figures for years dating back to 1936 are contained in a special summary entitled "Farm Implement and Equipment Sales in Canada, 1936-1943". This report may be obtained from the Dominion Bureau of Statistics, Ottawa.

GENERAL SUMMARY

Sales of new farm machinery and equipment continued to advance at a substantial rate in 1948 when the volume of sales, mainly at whole-sale prices, amounted to \$170,666,070, an increase of 39% over the revised 1947 figure of \$122,394,742. These amounts do not include repair parts (for which separate figures are shown), sales of binder twine, motor trucks, or used equipment.

Supplementary figures, giving an average mark-up of 20.1% as being required to bring these figures to a retail basis, indicate that Canadian farmers spent approximately \$204,000,000 on new implements and machinery in 1948.

Sales of repair parts in 1948 (again mainly at wholesale prices) amounted to \$26,996,844, 16% above the 1947 sales of \$23,276,162. Applying an average mark-up of 31.6%, the estimated retail sales of new repair parts in 1948 was \$35,000,000.

REGIONAL DISTRIBUTION OF SALES OF NEW IMPLEMENTS AND EQUIPMENT

The Prairie Provinces accounted for 62.5% of the total Canadian sales of farm implements in 1948 compared with 61.2% in 1947 and 56.3% in 1946. Sales in Ontario comprised 23% of the total sales while Quebec was responsible for 9%, and 3% went to the Maritime Provinces and 3% to British Columbia.

All regions registered substantial increases over 1947, with gains in the Prairie Provinces slightly larger than in the other regions. Sales in Manitoba were 50% in excess of those for 1947, and in Alberta there was an increase of 42%. Increases in Saskatchewan, British Columbia and Ontario ranged between 37% and 39% while slightly smaller increases of 31% and 27% were reported for Quebec and the Maritime Provinces respectively.

Table 1. - Regional Distribution of Farm Implement and Equipment Sales, 1947-1948
(Values chiefly at wholesale prices)

Region	1947(1)		1948		Per cent increase 1948/1947
	Amount	% of Canada total	Amount	% of Canada total	
	\$		\$		
CANADA	122,394,742	100.0	170,666,070	100.0	+ 39.4
Maritime Provinces ..	4,286,830	3.5	5,461,031	3.2	+ 27.4
Quebec	11,361,856	9.3	14,906,555	8.7	+ 31.2
Ontario	28,036,903	22.9	38,453,369	22.5	+ 37.2
Manitoba	15,583,121	12.7	23,369,284	13.7	+ 50.0
Saskatchewan	33,382,699	27.3	46,505,877	27.3	+ 39.3
Alberta	25,953,168	21.2	36,748,138	21.5	+ 41.6
British Columbia	3,790,165	3.1	5,221,816	3.1	+ 37.8

(1) Revised

REGIONAL DISTRIBUTION OF SALES OF REPAIR PARTS

Regional distribution of sales of repair parts remained practically unchanged from last year with the Prairie Provinces accounting for 70.5%; Ontario, 18.5%; Quebec, 6.8%; and the Maritimes and British Columbia, 2.4% and 1.8% respectively.

Little variation in per cent increases in the various regions was indicated. Sales of repair parts in Quebec were 22% higher than in 1947 and in Alberta there was a gain of 20%. The Maritime Provinces, Ontario, and British Columbia recorded increases of 16% and 15%, while Manitoba and Saskatchewan sales of repair parts were 13% in excess of the 1947 volume.

Table 2. - Regional Distribution of Sales of Repair Parts, 1947-1948
(Values chiefly at wholesale prices)

Region	1947 (1)		1948		Per cent increase 1948/1947
	Amount	% of Canada total	Amount	% of Canada total	
	\$		\$		
CANADA	23,276,162	100.0	26,996,844	100.0	+ 13.0
Maritime Provinces ...	567,912	2.4	659,822	2.4	+ 16.2
Quebec	1,502,688	6.5	1,825,560	6.8	+ 21.5
Ontario	4,299,526	18.5	4,995,751	18.5	+ 16.2
Manitoba	3,456,574	14.9	3,908,708	14.5	+ 13.1
Saskatchewan	7,407,977	31.8	8,362,667	31.0	+ 12.9
Alberta	5,615,266	24.1	6,754,060	25.0	+ 20.3
British Columbia	426,219	1.8	490,276	1.8	+ 15.0

(1) Revised.

SALES BY TYPE OF EQUIPMENT

The largest part of the total volume of sales, or 37%, was made up of sales of tractors and engines which amounted to \$63,065,437. Harvesting machinery, comprising 21% of total sales of farm machinery, was the next largest group, while sales of ploughs made up 7% of the total.

Largest increases over 1947, ranging from 46% to 64%, were reported for ploughs; tilling, cultivating, and weeding machinery; haying machinery; harvesting machinery; and tractors and engines. Sales of farm wagons, trucks, and sleighs were 5% lower than the volume reported for 1947, while dairy machinery and equipment sales were 14% lower and poultry farm equipment, 34% lower in 1948 than in the previous year.

Table 3 presents sales of farm implements and equipment for each of the major groups for Canada and for the Prairie Provinces, showing the percentage changes and the proportions which sales in the Prairie Provinces formed of the Dominion total. Table 4 presents detailed figures for each

classification for Canada. Similar figures for the Prairie Provinces only are given in Table 5, but here it has been necessary to reduce the number of classifications for which figures are shown in view of the smaller number of firms reporting.

Planting, Seeding, and Fertilizing Machinery

Dollar sales of planting, seeding, and fertilizing machinery in 1948 amounted to \$7,023,481, an increase of 38% over 1947. Substantial increases were recorded for all individual classes of machinery in this group except grain and fertilizer drills which showed a drop of 27% in number and 17% in value. Sales of fertilizer and lime sowers more than doubled in both number of units and volume, while there were 94% more transplanters sold. Grain drills of the plain type numbered 25% more units than in 1947, while an increase of 67% in number of press type drills was recorded.

Ploughs

Increases in the number of units compared with 1947 were shown for all types of ploughs except horse drawn mouldboard ploughs where decreases ranging from 43% to 62% were registered. For all types of ploughs combined, the number sold was 20% in excess of the 1947 unit sales, while the value exceeded last year by 46%. Largest gains were reported in tractor drawn mouldboard ploughs, four-furrow and larger, and tractor mounted mouldboard ploughs.

Tilling, Cultivating, and Weeding Machinery

Sales of tilling, cultivating, and weeding machinery advanced 48% over 1947. All classes within this group contributed to this increase with the exception of horse drawn field cultivators, wire and blade weeders, and hand-operated wheeled cultivators and weeders for which substantial decreases were reported. Major increases occurred in sales of horse drawn disc harrows, corn cultivators, and tractor mounted field and vegetable cultivators.

Haying Machinery

While haying machinery sales on the whole showed an increase of 64% in dollar value, there were wide variations in trends among the individual classes within the group. Marked increases in unit sales were recorded for tractor drawn and tractor mounted mowers, while there was a slight drop in sales of horse-drawn mowers. Other major increases were reported for hay loaders and pick-up hay balers, as well as side-delivery rakes and tractor loaders. The number of dump rakes sold was 17% below 1947, while declines were also registered in the number of horse drawn hay sweeps and hay-stackers (overshot).

Harvesting Machinery

Sales in this group were 56% higher than in 1947 with gains in

dollar sales being registered in all groups except corn binders and pickers and beet lifters. In numbers of units, however, several other groups showed declines from last year. Combine reaper threshers over six feet, power take off and engine driven combined, dropped 10%, but unit sales of the self-propelled type combine increased 69%. Ensilage harvesters and traction potato diggers were down 11% and 10% respectively.

Machines for Preparing Crops for Market or Use

Although an increase of 15% in dollar sales over 1947 was registered for this group of machines, declines were recorded for several of the more important classes. Grain grinders, rollers and crushers, pulpers, grain cleaners (power), grain loaders and elevators, ensilage cutters and feed cutters all had fewer units sold in 1948 than in 1947. On the other hand, there were marked increases in number of threshers, ensilage or forage crop blowers and elevators, corn shellers, hammermills, feed mixers, and potato sorters and graders.

Tractors and Engines

Tractor sales continued to increase at a substantial rate in 1948, with the smaller size tractors registering the greatest gains. Garden tractor sales advanced to 9,526 units in 1948 from 4,374 in 1947 and 2,203 in 1946.

Dairy Machinery

Sales of dairy machinery and equipment showed a further decline of 14% in 1948, with unit sales in all individual classes except cream separators over 300 lbs registering decreases from 1947.

Other Types

Spraying and dusting equipment unit sales on the whole were down 28%. Power sprayers with 1-6 gallon pumps and those with over 15 gallon pumps as well as power dusters more than doubled in number of units sold, but declines were reported in all other types of sprayers.

Sales of farm wagons, trucks, and sleighs also declined during the year as did poultry farm equipment and the miscellaneous equipment group.

Sales of water systems and pumps increased 12%, while barn equipment sales were up 5%.

Attachments

Attachment sales in 1948 amounted to \$7,788,153, an increase of 25% over 1947. This represents all attachments whether sold separately or as part of a new machine.

SALES IN THE PRAIRIE PROVINCES

Sales in the Prairie Provinces in 1948 increased 42% over 1947, only a slightly greater gain than that recorded for Canada as a whole. Sales of harvesting machinery in the Prairie Provinces accounted for 88% of the total Canadian sales of this group, while this region was responsible for 77% of the dollar sales of ploughs and 62% of the tractor business. Of the total sales of attachments in Canada, 71% went to the three Prairie Provinces.

SALES OF FARM IMPLEMENTS AND EQUIPMENT COMPARED TO FARM CASH INCOME, 1936-1948

Sales of farm machinery and equipment have experienced a remarkable growth since 1936 when the wholesale sales volume stood at just over \$19 million. In 1941, the volume of dollar sales had risen to \$52 million. After some falling off during the war years when production facilities were needed for the essential goods, sales in the period 1945-1948 turned sharply upward and in 1948 had reached a total of just over \$170 million.

A comparison of cash income from the sale of farm products and sale of farm implements and equipment is presented in the following chart. From 1937 to 1941, farm cash income and implement sales followed much the same upward trend, but with the falling off of production of the latter during the early war years and increased farm income, the trends diverged. By 1947 and 1948, however, the index of sales of implements was surpassing the index of farm cash income.

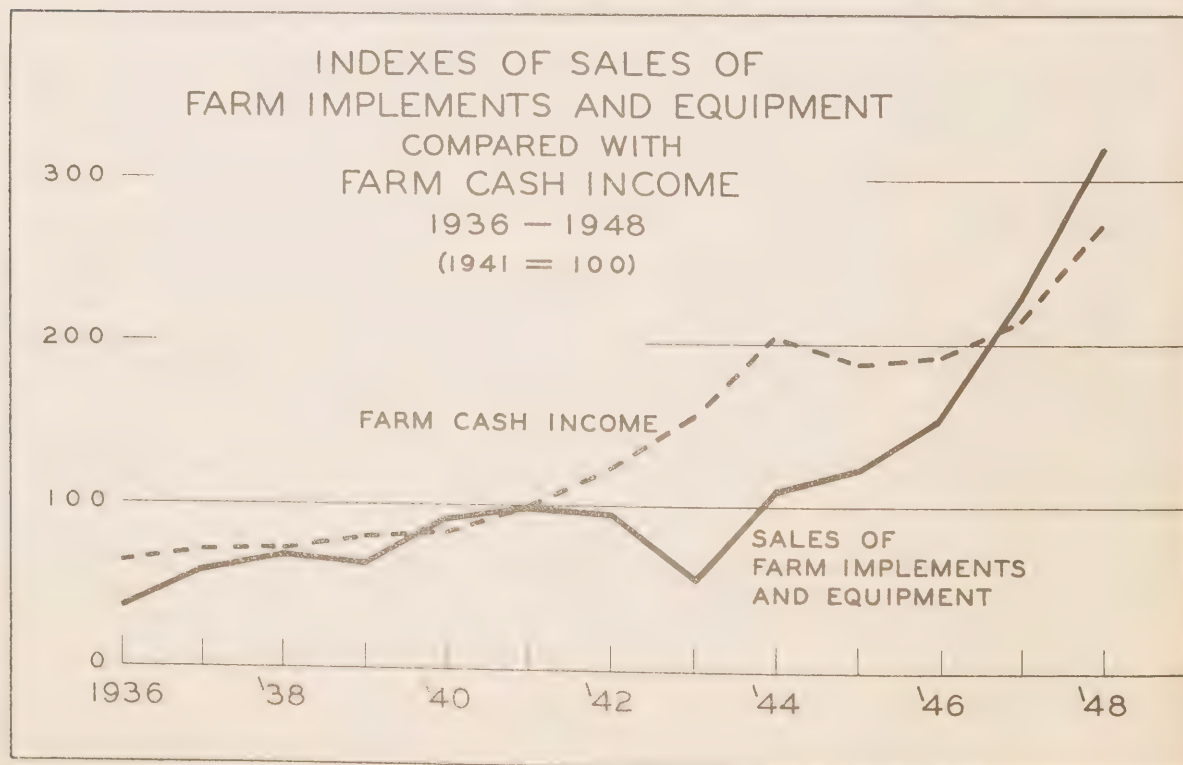


Table 3. - Summary of Sales of New Farm Machinery and Equipment by Major Groups

Major Group	CANADA			PRAIRIE PROVINCES		
	1947 (1)	1948	% Change, 1948/1947	1947 (1)	1948	% Change, 1948/1947
	\$	\$		\$	\$	1948 as % of Canada total
ALL TYPES, TOTAL ...	122,394,742	170,666,070	+ 39.4	74,918,988	106,623,299	+ 42.3
Planting, seeding, and ferti- lizing machinery	5,083,346	7,023,481	+ 38.2	2,571,277	3,690,859	+ 43.5
Ploughs	8,209,523	11,960,819	+ 45.7	6,197,334	9,182,512	+ 48.2
Tilling, cultivating, and weeding machinery	6,306,254	9,337,442	+ 48.1	3,694,061	5,441,855	+ 47.3
Mowing machinery	5,687,865	9,351,056	+ 64.4	2,153,186	3,274,933	+ 52.1
Harvesting machinery	23,178,657	36,046,613	+ 55.5	20,327,361	31,843,041	+ 56.7
Machines for preparing crops for market or use	5,125,784	5,904,211	+ 15.2	2,349,492	2,904,938	+ 23.6
Tractors and engines	42,223,078	63,065,437	+ 49.4	27,071,336	39,055,885	+ 44.3
Spraying and dusting equip- ment (orchard or garden).	1,121,560	1,489,082	+ 32.8	73,631	341,319	(a)
Farm wagons, trucks, and sleighs	3,555,627	3,383,807	- 4.8	1,752,447	1,767,134	+ 0.8
Domestic water systems and pumps	5,167,081	5,800,797	+ 12.3	1,159,829	918,657	- 20.8
Dairy machinery and equipment	4,969,918	4,286,730	- 13.7	940,070	1,054,535	+ 12.2
Barn equipment	1,851,568	1,944,834	+ 5.0	350,001	226,055	- 35.4
Poultry farm equipment	721,922	474,806	- 34.2	272,587	179,534	- 34.1
Miscellaneous farm equipment	2,972,432	2,808,792	- 5.5	1,500,470	1,242,703	- 17.2
Attachments for farm imple- ments and equipment	6,220,137	7,788,163	+ 25.2	4,505,906	5,499,339	+ 22.0

(1) Revised

(a) Percentage increases exceeding 100.

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1947 (1)		1948			
	No. of Units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
ALL TYPES, TOTAL	-	122,394,742	-	-	170,666,070	+39.4
PLANTING, SEEDING, AND FERTILIZING MACHINERY TOTAL	-	5,083,346	-	-	7,023,481	+38.2
Corn Planters -						
Horse or tractor drawn	405	54,221	543	+34.1	83,578	+54.1
Tractor mounted	214	34,111	299	+39.7	51,110	+49.8
Potato Planters	540	113,511	874	+61.9	188,469	+66.0
Transplanters	434	74,117	842	+94.0	150,541	(a)
Beet and Bean Drills	143	36,721	197	+37.8	48,634	+32.4
Grain and Fertilizer Drills (combination) ...	3,596	717,865	2,620	-27.1	598,372	-16.6
Grain Drills -						
Plain	5,743	1,950,241	7,188	+25.2	2,761,318	+41.6
Press	865	341,713	1,441	+66.6	658,376	+92.7
Fertilizer and Lime Sow- ers - Horse or tractor drawn	1,160	130,699	2,750	(a)	341,875	(a)
Manure Spreaders - Horse or tractor drawn -						
Four wheel	5,320	1,039,608	5,903	+11.0	1,329,042	+27.8
Two wheel	2,439	548,230	3,307	+35.6	740,086	+35.0
All Other Planting, Seed- ing and Fertilizing Machinery	-	42,309	-	-	72,080	+70.4
PLOUGHS, TOTAL	46,018	8,209,523	55,040	+19.6	11,960,819	+45.7
Mouldboard Ploughs-Horse drawn -						
Walking ploughs-						
One furrow	8,460	187,865	4,840	-42.8	160,958	-14.3
Two furrow	1,178	73,448	534	-54.7	32,930	-55.2
Sulky ploughs-one furrow	270	33,727	104	-61.5	7,146	-78.8
Riding gang ploughs - two furrow						
Mouldboard Ploughs-Trac- tor drawn -						
Two furrow	5,855	769,654	7,413	+26.6	1,070,972	+39.1
Three furrow	4,301	713,330	5,795	+34.7	1,133,490	+58.9
Four furrow or larger.	1,393	319,720	2,346	+68.4	689,398	(a)
Mouldboard ploughs-Trac- tor mounted	7,707	786,237	12,605	+63.6	1,332,766	+69.5

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1947 ⁽¹⁾		1948			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
PLOUGHS (cont'd)		\$			\$	
Disc Ploughs	360	64,514	1,099	(a)	220,435	(a)
One-way Discs (only)	8,475	2,806,192	10,012	+18.1	3,907,466	+39.2
One-way Discs with Seed Boxes	4,786	2,154,768	6,625	+38.4	3,006,181	+39.5
All Other Ploughs including Rotary Ploughs and Tillers	3,233	300,068	3,667	+13.4	399,077	+33.0
TILLING, CULTIVATING, AND WEEDING MACHINERY, TOTAL	-	6,306,254	-	-	9,337,442	+48.1
Harrows -						
Drag harrows (sections)	61,361	409,934	71,665	+16.8	590,175	+44.0
Spring tooth harrows (sections)	12,697	331,165	13,719	+ 8.0	546,978	+65.2
Disc harrows -						
Horse drawn	2,059	125,842	4,590	(a)	321,607	(a)
Tractor drawn -						
Single	3,720	543,617	4,105	+10.3	609,477	+12.1
Tandem	9,860	1,346,978	11,687	+18.5	1,783,115	+32.4
Land Rollers, Soil Pulverisers and Packers (including trailer packers),	6,614	259,525	7,419	+12.2	383,556	+47.8
Scufflers and Cultivators -						
Scufflers	10,828	144,376	13,278	+22.6	218,857	+51.6
Corn cultivators -						
Two horse	475	47,243	790	+66.3	56,461	+19.5
Tractor mounted	3,129	349,287	5,183	+65.6	607,104	+73.8
Field cultivators -						
Horse drawn	921	74,883	364	-60.5	27,007	-63.9
Tractor drawn	8,413	1,641,634	11,201	+33.1	2,422,052	+47.5
Tractor mounted	1,847	204,626	5,586	(a)	726,056	(a)
Beet, bean, and vegetable cultivators -						
Horse or tractor drawn	2,323	75,233	2,725	+17.3	119,458	+58.8
Tractor mounted	294	17,078	783	(a)	57,244	(a)
Rod Weeders	2,194	288,738	2,835	+29.2	399,338	+38.3
Wire and Blade Weeders ..	3,683	165,255	1,295	-64.8	180,037	+ 8.9
Hand Operated Wheeled Cultivators and Weeders ..	8,872	42,114	4,784	-46.1	30,332	-28.0
All Other Cultivating and Weeding Machinery	-	238,726	-	-	258,588	+ 8.3

(1) Revised

(cont'd)

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 7 (1)		1 9 4 8			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
HAYING MACHINERY, TOTAL	-	5,687,865	-	-	9,351,056	+64.4
Mowers -						
Horse drawn	10,701	1,245,558	10,497	- 1.9	1,357,865	+ 9.0
Tractor drawn	978	169,714	2,594	(a)	531,206	(a)
Tractor mounted	3,072	441,504	7,999	(a)	1,188,297	(a)
Hay Loaders	3,850	607,249	6,543	+69.9	1,111,604	+83.1
Dump Rakes	8,881	552,084	7,336	-17.4	492,728	-10.8
Side Delivery Rakes	3,063	499,415	4,478	+46.2	833,468	+66.9
Sweeps						
Hay sweeps - horse ..	128	6,490	111	-13.3	8,857	+36.5
Hay or stook sweeps - tractor	850	129,130	879	+ 3.4	93,413	-27.7
Tractor Loaders (with hay sweep or manure bucket),	2,009	737,734	2,855	+42.1	1,183,362	+60.4
Hay Stackers (overshot) .	351	79,758	144	-59.0	35,073	-56.0
Pick-Up Hay Balers -						
Power take-off	66	62,921	425	(a)	400,538	(a)
Engine driven	666	1,136,114	1,284	+92.8	2,103,699	+85.2
All Other Haying Machinery	-	20,194	-	-	10,946	-45.8
HARVESTING MACHINERY, TOTAL	-	23,178,657	-	-	36,046,613	+55.5
Combine Reaper Threshers -						
Six feet and under -						
Power take-off	1,207	898,795	1,442	+19.5	1,340,621	+49.2
Engine driven	1,718	1,787,381	2,360	+37.4	2,847,674	+59.3
Over six feet -						
Power take-off	2,792	4,438,866	2,498	-10.5	4,901,041	+10.4
Engine driven	3,564	9,872,247	6,039	+69.4	18,417,801	+86.6
Self-propelled	5,105	2,099,490	7,698	+50.8	3,911,518	+86.3
Swathers or Windrowers ..						
Grain Binders -						
Ground drive	6,445	2,104,706	6,264	- 2.8	2,110,919	+ 0.3
Power take-off	1,708	738,080	2,132	+24.8	1,006,458	+36.4
Corn Binders -						
Ground drive	356	98,718	303	-14.9	87,995	-10.9
Power take-off	147	62,629	87	-40.8	44,794	-28.5
Corn Pickers -						
Pull type	260	161,651	172	-33.8	125,670	-22.3
Tractor mounted	344	211,130	192	-44.2	131,294	-37.8
Forage Crop Harvesters ..	182	148,049	295	+62.1	279,179	+88.6
Ensilage Harvesters (corn)	97	55,952	86	-11.3	59,747	+ 6.8
Potato Diggers -						
Traction	866	146,399	778	-10.2	170,333	+16.3
Power take-off	249	82,366	361	+45.0	134,229	+63.0

(1) Revised

(cont'd)

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1947 (1)		1948			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
HARVESTING MACHINERY - (cont'd)		\$			\$	
Beet Lifters - Horse or tractor drawn	163	13,686	120	-26.4	11,109	-18.8
Beet toppers (only)	191	187,187	228	+19.4	208,280	+11.3
Beet Harvesters						
Beet Loaders	-	71,325	-	-	257,948	(a.)
All Other Harvesting Machinery						
MACHINES FOR PREPARING CROPS FOR MARKET OR USE						
TOTAL	-	5,125,784	-	-	5,904,211	+15.2
Threshers -						
With feeder and blower.	1,611	1,973,230	1,798	+11.6	2,408,241	+22.0
All other	164	31,228	321	+95.7	73,313	(a)
Ensilage or Forage Crop						
Blowers or Elevators	228	41,596	404	+77.2	98,286	(a)
Ensilage Cutters	917	349,181	836	- 8.8	307,401	-12.0
Feed Cutters, Hand and...						
Power	415	61,847	180	-56.6	71,092	+14.9
Corn Shellers -						
Hand	95	1,590	130	+36.8	946	-40.5
Power	46	9,023	69	+50.0	13,372	+48.2
Hay and Straw Balers (Stationary)	26	32,075	63	(a)	63,819	+99.0
Grain Grinders -						
6" or less	1,055	174,799	854	-19.1	118,113	-32.4
Over 6"	4,729	271,651	3,642	-23.0	207,703	-23.5
Rollers or Crushers	504	51,585	393	-22.0	53,721	+ 4.1
Pulpers	627	17,270	206	-67.1	6,516	-62.3
Fanning Mills and Grain Cleaners -						
Hand	158	12,420	452	(a)	37,444	(a)
Power	3,867	338,002	3,386	-12.4	404,938	+19.8
Hammermills	2,832	459,194	3,843	+35.7	569,399	+24.0
Feed Mixers	557	59,773	1,102	+97.8	118,334	+98.0
Potato Sorters and Graders	65	14,597	98	+50.8	22,720	+55.6
Maple Syrup Evaporators ..	1,058	202,614	1,162	+ 9.8	236,388	+16.7
Grain Loaders and Elevators	6,596	791,914	6,255	- 5.2	847,977	+ 7.1
All Other Machines for Preparing Crops for Market or Use	-	232,195	-	-	244,488	+ 5.3

(1) Revised

(cont'd)

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1947 (1)		1948			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
TRACTORS AND ENGINES, TOTAL	-	42,223,078	-	-	63,065,437	+49.4
Wheel Tractors -						
Standard -						
1 plough (approx. min. drawbar HP-9)	1,445	901,148	4,281	(a)	2,986,961	(a)
2 plough (approx. min. drawbar HP-12)	3,785	3,829,761	4,267	+ 12.7	4,890,221	+27.7
2-3 plough (approx. min. drawbar HP-16) ..	3,697	4,481,485	7,354	+ 98.8	10,571,441	(a)
3-4 plough (approx. min. drawbar HP-20) ..	4,422	6,601,468	5,901	+ 33.4	10,140,720	+53.6
Larger	3,701	6,599,277	4,418	+ 19.4	9,067,359	+37.4
General purpose (row crop)						
1 plough (approx. min. drawbar HP-9)	1,733	1,084,147	3,233	+ 86.6	1,985,451	+83.1
2 plough (approx. min. drawbar HP-12)	9,297	8,457,714	9,978	+ 7.3	10,375,982	+22.7
2-3 plough (approx. min. drawbar HP-16) ..	2,867	3,274,634	3,240	+ 13.0	4,116,788	+25.7
3-4 plough (approx. min. drawbar HP-20) ..	2,083	2,646,906	2,016	- 3.2	2,994,613	+13.1
Larger	406	616,382	436	+ 7.4	753,240	+22.2
Track Type Tractors (farm use)	323	803,505	471	+ 45.8	1,340,152	+66.8
Garden Tractors	4,374	1,018,534	9,526	(a)	1,987,148	+95.1
Stationary Engines and Power Units						
Less than 5 H.P.	14,411	1,532,714	14,791	+ 2.6	1,573,729	+ 2.7
5 H.P. and larger	1,144	375,403	693	- 39.4	281,632	-25.0
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN), TOTAL	92,847	1,121,560	66,483	- 28.4	1,489,082	+32.8
Sprayers and Dusters, Hand (including barrel and wheelbarrow)	90,813	280,990	62,807	- 30.8	226,369	-19.4
Sprayers and Dusters, Traction	620	128,411	477	- 23.1	106,252	-17.3
Sprayers, Power -						
1-6 gal. pump	213	62,987	1,077	(a)	254,688	(a)
7-15 gal. pump	492	183,740	443	- 10.0	164,347	-10.6

(1) Revised

(cont'd)

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1947 (1)		1948			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN), TOTAL (cont'd)		\$			\$	
Sprayers, Power - (cont'd)						
Over 15 gal. pump	415	373,232	1,050	(a)	555,650	+48.5
Dusters, Power	294	92,200	629	(a)	181,776	+97.2
FARM WAGONS, TRUCKS AND SLEIGHS, TOTAL	-	3,555,627	-	-	3,383,807	-4.8
Wagon Boxes	3,621	135,776	1,574	-56.5	95,284	-29.8
Wagon Gears (wooden wheel, standard)	1,811	184,812	844	-53.4	86,657	-53.1
Farm Trucks (low wheel, steel)	2,757	271,665	2,848	+3.3	414,513	+52.6
Rubber Tired Gears or Trailers	13,442	2,364,471	14,551	+8.3	2,447,018	+3.5
All Other Farm Wagons, Sleighs and Trucks	-	598,903	-	-	340,335	-43.2
DOMESTIC WATER SYSTEMS AND PUMPS, TOTAL	-	5,167,081	-	-	5,800,797	+12.3
Hand Well Pumps (wood or metal)	25,159	573,230	12,647	-49.7	208,455	-63.6
Domestic Water Systems-						
Deep well (except jets)	3,042	439,144	2,911	-4.3	476,580	+8.5
Shallow well (except jets)	29,647	2,768,382	40,995	+38.3	3,599,356	+30.0
Jet type	2,359	292,443	2,614	+10.8	371,335	+27.0
Windmill Heads and Wheels	1,272	86,619	627	-50.7	43,624	-49.6
Windmill Towers	571	48,945	442	-22.6	39,637	-19.0
Pump Jacks	4,706	128,994	5,865	+24.6	201,830	+56.5
All Other Pumps	80,465	829,324	104,741	+30.2	859,980	+3.7
DAIRY MACHINERY AND EQUIPMENT, TOTAL	-	4,969,918	-	-	4,286,730	-13.7
Milking Machines (complete equipment less pail units)	11,580	1,249,100	8,112	-29.9	831,334	-33.4
Milker Pail Units	18,850	1,283,178	12,834	-31.9	939,207	-26.8
Cream Separators -						
300 lbs. and under ...	5,296	161,532	5,147	-2.8	167,604	+3.8
Over 300 lbs	18,170	1,466,729	18,450	+1.5	1,737,772	+18.5

(1) Revised

(cont'd)

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1947 (1)		1948			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
DAIRY MACHINERY AND EQUIPMENT (cont'd)		\$			\$	
Farm Milk Coolers	2,360	609,581	1,426	-39.6	436,436	-28.4
Butter Churns (farm use) ..	11,715	104,989	7,977	-31.9	112,020	+ 6.7
All Other Dairy Machinery and Equipment	-	94,809	-	-	62,357	-34.2
BARN EQUIPMENT, TOTAL	-	1,851,558	-	-	1,944,834	+ 5.0
Complete Feed Carriers ...	156	12,017	173	+10.9	8,159	-32.1
Complete Litter Carriers ..	3,912	302,633	4,479	+14.5	254,516	-15.9
Track for Feed and Litter Carriers (feet)	265,043	149,574	641,120	(a)	175,924	+17.6
Hay Forks	2,953	19,458	14,427	(a)	90,859	(a)
Hay Fork Carriers	6,895	189,149	9,516	+38.0	158,858	-16.0
Track for Hay Carriers (feet)	221,059	93,214	333,389	+50.8	97,178	+ 4.3
Stable Stalls and Livestock Pens (units)	26,203	388,055	35,226	+34.4	552,004	+42.2
Cattle Stanchions	30,350	113,201	35,805	+18.0	145,720	+28.7
Stock Watering Cups and Bowls	56,028	285,184	50,357	-10.1	242,470	-15.0
Stock Tank Heaters	4,727	61,746	3,018	-36.2	44,827	-27.4
Miscellaneous Farm Equipment ..	-	237,327	-	-	174,319	-26.5
POULTRY FARM EQUIPMENT, TOTAL	-	721,922	-	-	474,806	-34.2
Incubators -						
2,000 egg capacity and under	352	10,987	206	-41.5	5,009	-54.4
Over 2,000 egg capacity	61	125,858	29	-52.5	79,405	-36.9
Brooders -						
Coal or wood	8,857	132,566	1,981	-77.6	34,783	-73.8
Oil	9,154	146,716	4,757	-48.0	77,515	-47.2
Electric	3,792	92,717	2,260	-40.4	58,271	-37.2
Battery	72	6,763	515	(a)	24,666	(a)
Egg Handling Equipment	-	6,011	-	-	6,441	+ 7.2
Miscellaneous Poultry Farm Equipment	-	200,304	-	-	188,716	- 5.8
MISCELLANEOUS FARM EQUIPMENT, TOTAL	-	2,972,432	-	-	2,808,792	- 5.5
Beekeepers' Supplies	-	379,706	-	-	425,637	+12.1

(1) Revised

(cont'd)

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 7 (1)		1 9 4 8			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
MISCELLANEOUS FARM EQUIPMENT (cont'd)						
Electric Fence Controllers	16,499	142,672	12,672	-23.2	107,751	-24.5
Wood Sawing Machines	3,514	174,917	3,165	- 9.9	152,321	-12.9
Windchargers =						
Six volt	379	15,591	242	-36.1	9,228	-40.8
Other	433	106,171	343	-20.8	93,348	-12.1
Electric Lighting Plants =						
32 volt	1,405	407,867	816	-41.9	225,045	-44.8
110 volt	1,631	883,597	1,654	+ 1.4	934,384	+ 5.7
Miscellaneous Equipment ..	-	861,911	-	-	861,078	- 0.1
ATTACHMENTS FOR FARM IMPLEMENTS AND EQUIPMENT, TOTAL	-	6,220,137	-	-	7,788,163	+25.2

(1) Revised

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 7 (1)		1 9 4 8			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
ALL TYPES, TOTAL	-	74,918,988	-	-	106,623,299	+42.3
PLANTING, SEEDING, AND FERTILIZING MACHINERY, TOTAL	-	2,571,277	-	-	3,690,859	+43.5
Corn Planters	28	3,977	26	- 7.1	3,798	- 4.5
Potato Planters	74	14,472	120	+62.2	23,930	+65.4

(1) Revised

(cont'd)

Table 5.- Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 7 (1)		1 9 4 8			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
PLANTING, SEEDING, AND FERTILIZING MACHINERY (con)		\$			\$	
Grain Drills -						
Plain	5,470	1,874,172	6,764	+23.7	2,643,860	+41.1
Press	864	341,334	1,436	+66.2	655,962	+92.2
Manure Spreaders -						
Horse or tractor drawn-						
Four wheel	627	161,863	725	+15.6	210,750	+30.2
Two wheel	512	137,729	411	-19.7	107,897	-21.7
All Other Planting, Seeding, and Fertilizing Machinery	-	37,730	-	-	44,662	+18.4
PLOUGHS, TOTAL	21,197	6,197,334	28,944	+36.5	9,182,512	+48.2
Mouldboard Ploughs -						
Horse drawn -						
Walking ploughs	97	6,340	45	-53.6	1,223	-80.7
Sulky ploughs-one furrow						
Riding gang ploughs- two furrow	104	15,778	76	-26.9	5,683	-64.0
Mouldboard Ploughs -						
Tractor drawn -						
Two furrow	1,698	235,712	1,764	+ 3.9	266,215	+12.9
Three furrow	2,394	421,474	3,099	+29.4	651,361	+54.5
Four furrow or larger	1,314	311,185	2,256	+71.7	679,361	(a)
Mouldboard Ploughs-Tractor mounted	2,788	309,466	4,145	+48.7	523,124	+69.0
Disc Ploughs-Tractor drawn	10	4,669	902	(a)	181,000	(a)
One-way Discs (only) ...	1,631	2,618,496	9,166	+20.1	3,653,199	+39.6
One-way Discs with Seed Boxes	4,740	2,141,981	6,568	+38.6	2,985,771	+39.4
All Other Ploughs, including Rotary Ploughs and Tillers	415	132,233	923	(a)	235,575	+78.2
TILLING, CULTIVATING, AND WEEDING MACHINERY, TOTAL	-	3,694,061	-	-	5,441,855	+47.3
Harrows -						
Drag harrows (sections)	51,637	333,667	63,238	+22.5	499,495	+49.7
Spring tooth harrows (sections)	1,773	62,331	2,616	+47.5	131,885	(a)
Disc harrows -						
Horse drawn	312	24,824	990	(a)	75,087	(a)
Tractor drawn-						
Single	2,930	500,742	2,634	-10.1	485,626	- 3.0
Tandem	2,015	340,978	3,189	+58.3	577,684	+69.4

(1) Revised

(cont'd)

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 7 (1)		1 9 4 8			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
TILLING, CULTIVATING, AND WEEDING MACHINERY, (cont'd)		\$				
Soil Packers (including trailer packers)	6,194	219,789	6,627	+ 7.0	275,988	+25.6
Scufflers and Cultivators -						
Scufflers	2,820	37,653	2,766	- 1.9	45,027	+19.6
Corn cultivators -						
Two horse	36	3,068	39	+ 8.3	3,185	+ 3.8
Tractor mounted	128	17,328	216	+68.8	24,814	+43.2
Field cultivators -						
Horse drawn	123	16,563)	8,627	+22.7	2,109,759	+42.2
Tractor drawn	6,907	1,467,270)				
Tractor mounted	793	96,870	3,376	(a)	475,603	(a)
Beet, bean, and vege- table cultivators -						
Horse or tractor drawn	77	5,791	123	+59.7	9,593	+65.7
Tractor mounted	103	6,288	103	(x)	5,302	-15.7
Rod Weeders	999	276,513	2,573	+28.7	380,122	+37.5
Wire and Blade Weeders ..	728	122,869	873	+19.9	168,393	+37.1
Hand Operated Wheeled Cul- tivators and Weeders	2,837	16,962	1,765	-37.8	12,267	-27.7
All Other Cultivating and Weeding Machinery	-	144,555	-	-	162,025	+12.1
HAYING MACHINERY, TOTAL	-	2,153,186	-	-	3,274,933	+52.1
Mowers -						
Horse drawn	3,089	397,836	3,145	+ 1.8	437,653	+10.0
Tractor drawn	406	72,508	1,345	(a)	260,308	(a)
Tractor mounted	1,557	241,480	2,604	+67.2	422,285	+74.9
Hay Loaders	336	77,035	467	+39.0	92,884	+20.6
Dump Rakes	2,464	163,531	1,854	-24.3	127,582	-22.0
Side Delivery Rakes	553	93,908	1,083	+95.8	202,993	(a)
Sweeps -						
Hay sweeps - horse	118	5,790	110	- 6.8	8,784	+51.7
Hay or stock sweeps						
tractor	593	109,232	489	-17.5	61,263	-43.9
Tractor Loaders (with hay sweep or manure bucket).	1,390	575,821	2,024	+45.6	958,868	+66.5
Hay Stackers (overshot) .	337	77,634	143	-57.6	34,659	-55.4
Pick-Up Hay Balers	206	331,826	472	(a)	665,660	(a)
All Other Haying Machinery	-	6,585	-	-	1,994	-69.7

(x) Less than .05 per cent

(1) Revised

(cont'd)

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1947 (1)		1948			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
		\$			\$	
HARVESTING MACHINERY, TOTAL	-	20,327,361	-	-	31,843,041	+56.7
Combine Reaper Threshers--						
Six feet and under -						
Power take-off	602	462,492	776	+ 28.9	771,755	+66.9
Engine driven	1,432	1,470,935	1,838	+ 28.4	2,247,466	+52.8
Over six feet -						
Power take-off	2,784	4,424,784	2,209	- 20.7	4,096,602	- 7.4
Engine driven	3,385	9,416,763	5,948	+ 75.7	18,138,050	+92.6
Self-propelled	5,096	2,098,289	7,668	+ 50.5	3,902,275	+86.0
Swathers or Windrowers ..						
Grain Binders -						
Ground drive	4,209	1,441,728	3,972	- 5.6	1,369,417	- 5.0
Power take-off	1,540	670,383	1,916	+ 24.4	907,072	+35.3
Forage Crop Harvesters ..	27	17,758	51	+ 88.9	43,802	(a)
Potato Diggers -						
Traction	101	18,417	56	- 44.6	10,211	-44.6
Power take-off	56	18,119	53	- 5.4	17,975	- 0.8
Beet Lifters - Horse or tractor drawn	93	7,546	78	- 16.1	6,723	-10.9
Beet Harvesters and Load- ers	178	170,646	213	+ 19.7	192,066	+12.6
All Other Harvesting Mach- inery	-	109,501	-	-	139,627	+27.5
MACHINES FOR PREPARING CROPS FOR MARKET OR USE, TOTAL	-	2,349,492	-	-	2,904,938	+23.6
Threshers	482	662,921	648	+ 34.4	937,899	+41.5
Ensilage Cutters	225	59,681	298	+ 32.4	94,680	+58.6
Feed Cutters, Hand and Power	151	47,166	117	- 22.5	65,089	+38.0
Grain Grinders -						
6" or less	11	2,291	143	(a)	9,977	(a)
Over 6"	3,639	198,140	3,127	- 14.1	170,053	-14.2
Fanning Mills and Grain Cleaners	2,531	214,914	3,474	+ 37.3	404,042	+88.0
Hammermills	1,914	294,716	1,870	- 2.3	285,785	- 3.0
Feed Mixers	347	38,216	847	(a)	81,731	(a)
Grain Loaders and Elevat- ors	6,383	741,646	5,796	- 9.2	785,680	+ 5.9
All Other Machines for Preparing Crops for Market or Use	-	89,801	-	-	70,002	-22.0

(1) Revised

(cont'd)

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1947 (1)		1948			
	No. of units	Value \$	Units		Value	
			No.	Per cent change	Amount \$	Per cent change
TRACTORS AND ENGINES, TOTAL	-	27,071,336	-	-	39,055,885	+44.3
Steel Tractors- Standard -						
1 plough (approx. min. drawbar HP-9))	2,478	2,544,395	3,463	+39.7	3,821,956	+50.2
2 plough (approx. min. drawbar HP-12))						
2-3 plough (approx. min. drawbar HP-16)	2,617	3,196,860	4,822	+84.3	7,067,810	(a)
3-4 plough (approx. min. drawbar HP-20)	3,887	5,763,169	5,012	+28.9	8,643,879	+50.0
Larger	3,590	6,396,514	4,176	+16.3	8,544,596	+33.6
General purpose (row crop) -						
1 plough (approx. min. drawbar HP-9))	3,974	3,423,950	4,537	+14.2	4,307,469	+25.8
2 plough (approx. min. drawbar HP-12))						
2-3 plough (approx. min. drawbar HP-16)	1,143	1,376,346	1,057	- 7.5	1,286,775	- 6.5
3-4 plough (approx. min. drawbar HP-20) and larger	1,846	2,433,858	1,858	+ 0.7	2,849,772	+17.1
Track Type Tractors (farm use)	229	604,270	374	+ 63.3	1,129,723	+87.0
Garden Tractors	291	60,962	1,454	(a)	228,355	(a)
Stationary Engines and Power Units						
Less than 5 H.P.	10,664	1,114,026	9,901	- 7.2	1,053,857	- 5.4
5 H.P. and larger	428	156,986	294	- 31.3	121,693	-22.5
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN), TOTAL	-	73,631	-	-	341,319	(a)
Sprayer and Duster, Hand (including barrel and wheelbarrow)	14,496	30,567	15,458	+ 6.6	51,887	+69.7
Sprayers, Power -						
1-6 gal. pump	114	36,976	829	(a)	122,667	(a)
7-15 gal. pump			76		22,644	
Over 15 gal. pump			115		29,255	
Dusters, Power	34	6,088	405	(a)	114,866	(a)
Sprayers and Dusters, Trac- tion						

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1 9 4 7 (1)		1 9 4 8			
	No. of units	Value	Units		Value	
			No.	Per cent change	Amount	Per cent change
FARM WAGONS, TRUCKS, AND SLEIGHS, TOTAL ...	-	\$ 1,752,447	-	-	\$ 1,767,134	+0.8
Wagon Boxes	2,634	106,061	1,530	-41.9	92,785	-12.5
Farm Trucks (low wheel, steel).....	1,466	99,357	577	-60.6	82,873	-16.6
Rubber Tired Gears or Trailers	5,543	981,482	7,700	+38.9	1,297,567	+32.2
All Other Farm Wagons, Sleighs and Trucks	-	565,547	-	-	293,909	-48.0
DOMESTIC WATER SYSTEMS AND PUMPS, TOTAL	-	1,159,829	-	-	918,657	-20.8
Hand Well Pumps (wood or metal)	12,167	262,363	5,180	-57.4	91,608	-65.1
Domestic Water Systems- Deep well (except jets)	397	74,076	348	-12.3	57,236	-22.7
Shallow well (except jets)	2,704	260,510	2,521	- 6.8	234,455	-10.0
Jet type	424	56,628	519	+22.4	73,743	+20.2
Windmill Heads and Wheels	629	44,877	384	-39.0	27,387	-39.0
Windmill Towers	506	43,085	405	-20.0	37,554	-12.8
Pump Jacks	2,831	87,826	3,640	+28.6	98,416	+12.1
All Other Pumps	29,324	330,464	32,998	+12.5	298,258	- 9.7
DAIRY MACHINERY AND EQUIPMENT, TOTAL	-	940,070	-	-	1,054,535	+12.2
Milking Machines (complete equipment less pail units)	1,561	222,976	1,479	- 5.3	206,829	- 7.2
Milker Pail Units	1,631	104,780	1,578	- 3.2	104,508	- 0.3
Cream Separators - 300 lbs. and under ...	1,971	59,611	2,168	+10.0	70,182	+17.7
Over 300 lbs.	3,054	528,710	8,312	+ 3.2	639,253	+20.9
Farm Milk Coolers	63	5,504	77	+22.2	13,474	(a)
All Other Dairy Machinery and Equipment	-	18,489	-	-	20,289	+ 9.7

(1) Revised

(cont'd)

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces only,
by Types, 1947-1948
(Values chiefly at wholesale prices)

Note: Percentage increases exceeding 100 are marked (a)

Type	1947 (1)		1948			
	No. of units	Value \$	Units		Value	
			No.	Per cent change	Amount \$	Per cent change
BARN EQUIPMENT, TOTAL	-	350,001	-	-	226,055	-35.4
Hay Forks	73	641	2,185	(a)	17,488	(a)
Hay Fork Carriers	266	9,451	882	(a)	24,482	(a)
Track for Hay Carriers (feet)	81,383	39,920	27,585	-66.1	8,974	-77.5
Cattle Stanchions	2,467	15,979	3,333	+35.1	16,603	+3.9
Stock Watering Cups and Bowls	3,440	45,920	1,597	-53.6	8,828	-80.8
Stock Tank Heaters- wood, coal, or oil	4,528	53,976	2,748	-39.3	33,774	-37.4
Miscellaneous Barn Equip- ment	-	184,114	-	-	115,906	-37.0
POULTRY FARM EQUIP- MENT, TOTAL	-	272,587	-	-	179,534	-34.1
Brooders						
Coal or wood	4,685	65,798	660	-85.9	12,162	-81.5
Oil	5,916	94,231	2,916	-50.7	47,287	-49.8
Electric or battery	235	4,856	174	-26.0	4,937	+1.7
Miscellaneous Poultry Farm Equipment	-	107,702	-	-	115,138	+6.9
MISCELLANEOUS FARM EQUIPMENT, TOTAL	-	1,500,470	-	-	1,242,703	-17.2
Beekeepers' Supplies ...	-	178,163	-	-	172,788	-3.0
Electric Fence Control- lers	2,229	20,254	1,206	-45.9	13,029	-35.7
Wood Sawing Machines ...	1,214	45,864	872	-28.2	23,037	-49.8
Windchargers -						
Six volt	358	14,783	237	-33.8	8,985	-39.2
Other	429	104,400	338	-21.2	92,813	-11.1
Electric Lighting Plants						
32 volt	1,254	362,783	741	-40.9	203,073	-44.0
110 volt	1,032	541,130	966	+6.4	546,136	+0.9
Miscellaneous Equipment.	-	233,093	-	-	182,842	-21.6
ATTACHMENTS FOR FARM IMPLEMENTS AND EQUIP- MENT, TOTAL	-	4,505,906	-	-	5,499,339	+22.0

(1) Revised



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GOVERNMENT OF CANADA

FARM IMPLEMENT
AND
EQUIPMENT SALES
1949



DOMINION BUREAU OF STATISTICS — DEPARTMENT OF TRADE AND COMMERCE
CANADA

FARM IMPLEMENT AND EQUIPMENT SALES
1949

Published by Authority of the Rt. Hon. C. D. Howe,
Minister of Trade and Commerce

Prepared in the
Merchandising and Services Section,
Dominion Bureau of Statistics, Ottawa

NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada -- mining, forestry, and fishing; (b) manufacturing; (c) construction; and (d) merchandising and services.

For the purpose of annual compilation and publication, reports on merchandising and services have been classified as follows:

Part I - Wholesale Statistics

- A. General Review
- B. Wholesale Trade
- C. Operating Results of Food Wholesalers
- D. Operating Results of Dry Goods, Piece Goods, and Footwear Wholesalers
- E. Operating Results of Miscellaneous Wholesalers (automotive equipment, drugs, hardware, plumbing and heating equipment)

Part II - Retail Statistics

- F. General Review
- G. Retail Trade
- H. Department Store Sales and Stocks
- I. Retail Chain Stores
- J. Operating Results of Chain Food Stores
- K. Operating Results of Chain Clothing Stores
- L. Operating Results of Miscellaneous Chain Stores (variety, drug, furniture)

Part III - Services and Special Fields

- M. Laundries, Cleaners and Dyers
- N. Theatres
- P. Advertising Agencies (Memorandum)
- Q. Sales Financing
- R. Farm Implement and Equipment Sales
- AA. New Motor Vehicle Sales and Motor Vehicle Financing

The reports are punched to permit of filing in a ring binder.

NOTES

Sales reported in this series include only original sales of machinery in Canada. Manufacturers include only sales of goods of their own manufacture or of goods which they imported. Distributors report only sales of goods imported directly by them. Figures include sales made to Canadian customers only; export sales have been excluded.

Value figures generally represent wholesale values.

Used machinery, binder twine, and motor trucks are not included.

In previous years, attachments sold apart from machines were reported as a separate item. In the 1949 figures, sales of attachments have been included with the machines for which they were sold.

FARM IMPLEMENT AND EQUIPMENT SALES

1949

Sales of New Farm Machinery and Equipment

The marked increase in farm mechanization which has characterized the post-war period continued in 1949 when the total sales volume reached \$217,089,685, an increase of 27% over the 1948 figure of \$170,666,070. This expansion in 1949 is remarkable in the light of the lowered farm cash income reported for that year.

The above figures and those contained in the tables of this report are mainly at wholesale prices. Supplementary figures, supplied by reporting firms, indicate that an average mark-up of 21.9% would produce a reasonably accurate estimate of the actual expenditure of Canadian farmers on new equipment and machinery. Retail sales of farm machinery in 1949, estimated on this basis, amounted to approximately \$265,000,000.

Of the total Canadian sales of new farm equipment, \$141,563,213, or 65%, were made in the three Prairie Provinces. Sales in Manitoba were up 60% in 1949 over 1948, while gains of 28% and 21% were recorded for Saskatchewan and Alberta. Ontario, with 22% of the total sales volume, registered an increase of 24% over 1948. Smaller gains were recorded for Quebec and British Columbia, while a slight decline was registered for the Atlantic Provinces. The following table shows the regional distribution of sales of new farm machinery and equipment for the years 1948 and 1949. Table 5 contains figures by detailed types of equipment for the Prairie Provinces only, while Table 2 gives a summary by major groups.

Table 1. - Farm Implement and Equipment Sales, by Provinces, 1948
(Values chiefly at wholesale prices)

Province	1948		1949(1)		Per cent change 1949/1948
	Amount	% of Canada Total	Amount	% of Canada Total	
	\$		\$		
CANADA	170,666,070	100.0	217,089,685	100.0	+ 27.2
Atlantic Provinces (1) ..	5,461,031	3.2	5,399,111	2.5	- 1.1
Quebec	14,906,555	8.7	16,657,442	7.7	+ 11.7
Ontario	38,453,369	22.5	47,775,991	22.0	+ 24.2
Manitoba	23,369,284	13.7	37,474,620	17.2	+ 60.4
Saskatchewan	46,505,877	27.3	59,629,464	27.5	+ 28.2
Alberta	36,748,138	21.5	44,459,129	20.5	+ 21.0
British Columbia	5,221,816	3.1	5,693,928	2.6	+ 9.0

(1) Includes Newfoundland.

Almost half of the total volume of sales of new implements and equipment was sales of farm tractors of various types and sizes. Harvesting machinery constituted 18% of the total volume, while sales of ploughs made up 8%. The greatest increase over 1948 was recorded in sales of tractors and engines at 62%, while major gains were also reported in ploughs (50%), machines for preparing crops for market or use (33%), and tilling, cultivating, and weeding machinery (31%). Sales in 1949 were lower than in 1948 in the following major groups: spraying and dusting equipment; farm wagons, trucks, and sleighs; water systems, pumps, and septic tanks; dairy machinery and equipment; and poultry farm equipment.

Table 2 summarizes sales of various types of implement by major groups, while Tables 4 and 5 present 1949 figures for individual types of implement wherever this could be done without revealing an individual firm's operations.

Sales of Repair Parts

Sales of repair parts in 1949 amounted to \$28,104,505, an increase of 4% over the 1948 volume of \$26,996,844. Applying an average mark-up of 28.3%, it is estimated that farmers in Canada spent approximately \$36,000,000 for new repair parts for machines in 1949.

Alberta sales of repair parts fell off slightly compared with 1948, while gains ranging up to 8% were recorded for the other Prairie Provinces and for Eastern Canada. An increase of 15% occurred in British Columbia. Provincial sales for 1948 and 1949 are shown in the table below.

Table 3. - Sales of Repair Parts, by Provinces, 1948-1949
(Values chiefly at wholesale prices)

Province	1948		1949(1)		Per cent change 1949/1948
	Amount	% of Canada Total	Amount	% of Canada Total	
	\$		\$		
CANADA	26,996,844	100.0	28,104,505	100.0	+ 4.1
Atlantic Provinces (1) ..	659,822	2.4	711,997	2.5	+ 7.9
Quebec	1,825,560	6.8	1,837,644	6.5	+ 0.7
Ontario	4,995,751	18.5	5,182,703	18.5	+ 3.7
Manitoba	3,908,708	14.5	4,143,931	14.8	+ 6.0
Saskatchewan	8,362,667	31.0	8,939,587	31.8	+ 6.9
Alberta	6,754,060	25.0	6,724,015	23.9	- 0.4
British Columbia	490,276	1.8	564,628	2.0	+ 15.2

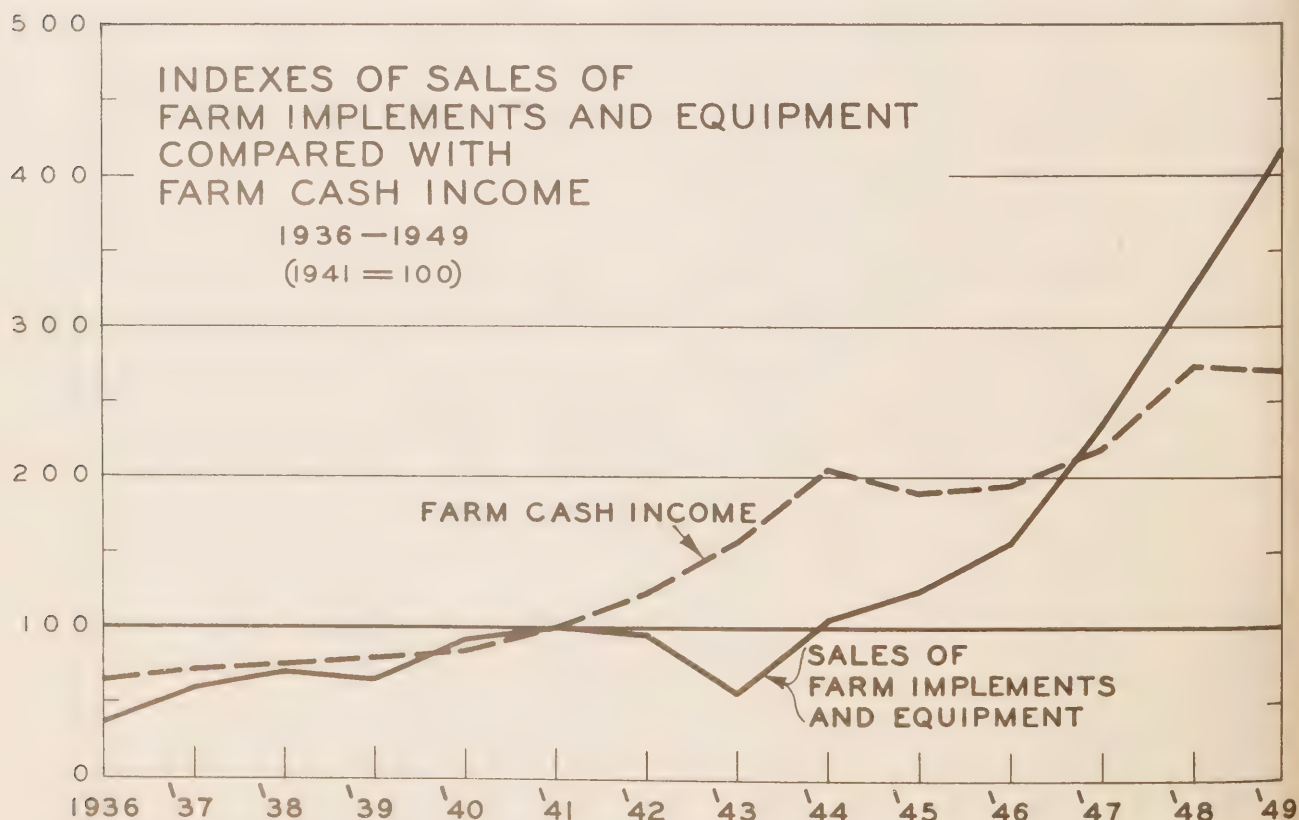
(1) Includes Newfoundland.

MERCHANDISING AND SERVICES

SALES OF FARM IMPLEMENTS AND EQUIPMENT COMPARED WITH FARM CASH INCOME, 1936-1949

Sales of farm machinery and equipment have experienced a remarkable growth since 1936 when the wholesale sales volume stood at just over \$19 million. In 1941, the volume of dollar sales had risen to \$52 million. After some falling off during the war years when production facilities were occupied with the output of more essential goods, sales in the period 1945-1949 turned sharply upward and in 1949 had reached a total of just over \$217 million.

A comparison of cash income from the sale of farm products and sales of farm implements and equipment is presented in the following chart. After holding together fairly closely from 1936 to 1941, farm cash income and implement sales trends diverged in 1942 and 1943. Since that time, the expansion in implement sales has outmatched cash farm income. In fact, farm cash income fell off from \$2,449,865,000 in 1948 to \$2,409,165,000 in 1949, while farm implement sales continued sharply upward.



FARM IMPLEMENT AND EQUIPMENT SALES

R-9

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value \$
ALL TYPES, TOTAL	-	217,089,685
PLANTING, SEEDING, AND FERTILIZING MACHINERY, TOTAL .	-	8,137,527
Corn Planters:		
Horse or tractor drawn	441	80,457
Tractor mounted	390	91,058
Potato Planters	306	79,761
Vegetable Planters (tractor type)	37	7,134
Transplanters	619	94,892
Beet and Bean Drills	169	33,140
Grain and Fertilizer Drills (combination)	4,030	1,041,560
Grain Drills:		
Plain	6,009	2,619,389
Press	2,295	1,172,589
Broadcast Seeders, horse or tractor drawn	41	1,822
Fertilizer and Lime Sowers, horse or tractor drawn	2,494	348,923
Manure Spreaders, horse or tractor drawn:		
Four wheel	5,715	1,349,183
Two wheel	4,189	1,103,863
All Other Planting, Seeding, and Fertilizing Machinery ...	-	113,756
PLOUGHES, TOTAL	67,713	17,938,013
Mouldboard Ploughs, horse drawn:		
Walking ploughs -		
One furrow	2,791	72,643
Two furrow	250	17,113
Sulky ploughs, one furrow	19	1,675
Riding gang ploughs, two furrow		
Mouldboard Ploughs, tractor drawn:		
Two furrow	15,364	2,395,948
Three furrow	9,901	2,278,209
Four furrow or larger	3,477	1,201,933
Mouldboard Ploughs, tractor mounted	10,089	991,468
Disc Ploughs	844	204,871
One-way Discs (only)	15,095	6,916,225
One-way Discs with Seed Boxes	6,324	3,300,708
Breaker Ploughs	789	267,977
Rotary Tillers or Ploughs (over 10 H.P. class)	1,125	276,192
All Other Ploughs	1,645	13,051

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value \$
TILLING, CULTIVATING, AND WEEDING MACHINERY, TOTAL ..	-	12,241,228
Harrows:		
Drag harrows (sections)	78,314	953,318
Spring tooth harrows (sections)	11,633	416,471
Disc harrows -		
Horse drawn	1,953	150,265
Tractor drawn -		
Single	3,929	1,352,366
Tandem	18,511	3,072,808
Land Rollers, Soil Pulverisers and Packers (including trailer packers)	6,268	369,436
Scufflers and Cultivators:		
Scufflers	8,711	169,859
Corn cultivators -		
Two horse	237	29,041
Tractor mounted	3,509	385,774
Field cultivators -		
Horse drawn	425	27,819
Tractor drawn	16,542	3,906,465
Tractor mounted	3,020	434,924
Beet, bean, and vegetable cultivators -		
Horse or tractor drawn	237	31,035
Tractor mounted	744	60,703
Hillers (all types)	197	11,507
Rod Weeders	2,431	415,525
Wire Weeders	668	95,288
Blade Weeders	343	52,398
Hand-operated Wheeled Cultivators and Weeders	4,049	27,352
All Other Cultivating and Tillage Machinery	-	278,874

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value \$
HAYING MACHINERY, TOTAL	-	10,569,126
Mowers:		
Horse drawn	8,464	1,211,415
Tractor drawn	3,150	708,153
Tractor mounted	8,618	1,381,682
Hay Loaders	7,158	1,348,413
Dump Rakes	7,686	562,323
Side Delivery Rakes:		
Horse or tractor drawn	5,509	1,108,109
Power take-off	680	219,563
Sweeps	627	59,952
Tractor Loaders (with hay sweep, stacker, or manure bucket)	2,398	1,218,109
Hay Stackers (overshot)	242	63,819
Pick-up Hay Balers:		
Power take-off	1,056	1,169,173
Engine driven	858	1,398,808
Bale Loaders and Elevators	92	24,500
All Other Haying Machinery	-	95,107
HARVESTING MACHINERY, TOTAL	-	39,088,015
Combine Reaper Threshers:		
Six feet and under -		
Power take-off	938	1,000,289
Engine driven	2,711	3,761,413
Over six feet -		
Power take-off	2,590	5,331,809
Engine driven	5,746	19,652,115
Self-propelled	7,926	4,164,371
Swathers or Windrowers		
Grain Binders:		
Ground drive	4,367	1,700,806
Power take-off	2,852	1,509,522
Corn Binders	754	292,862
Corn Pickers:		
Pull type	328	280,233
Tractor mounted	163	141,600
Forage Crop Harvesters	422	527,003
Ensilage Harvesters (corn)	82	65,688
Potato Diggers:		
Traction	710	148,346
Power take-off	486	193,429
Potato Harvesters and Pickers	207	51,990
Beet Lifters, horse or tractor drawn	311	26,951
Beet Harvesters	142	105,885
Beet Loaders	-	133,703
All Other Harvesting Machinery		

(cont'd)

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value \$
MACHINES FOR PREPARING CROPS FOR MARKET OR USE, TOTAL	-	7,822,176
Threshers:		
With feeder and blower	2,349	3,684,792
All other	216	43,631
Ensilage or Forage Crop Blowers or Elevators	413	134,778
Ensilage Cutters	1,088	490,118
Feed or Roughage Cutters, hand and power	553	151,236
Corn Shellers:		
Hand	99	1,772
Power	81	23,517
Grain Grinders:		
6" or less	580	92,099
Over 6"	5,312	329,606
Rollers or Crushers	391	51,920
Pulpers	163	5,763
Cleaners for Grain:		
Hand (fanning mills)	3,827	454,607
Power	457	89,626
Hammermills	3,963	710,707
Feed Mixers	1,863	89,549
Sorters and Graders:		
Potatoes (mainly)	115	18,924
Fruit (mainly)	59	57,757
Vegetables (mainly)		
Maple Syrup Evaporators	991	221,557
Maple Syrup Furnaces	512	67,859
Grain Loaders and Elevators	5,415	886,996
All Other Machines for Preparing Crops for Market or Use .	-	215,362
TRACTORS AND ENGINES, TOTAL	-	102,025,541
Wheel Tractors:		
Standard -		
1 plough (approx. min. drawbar H.P.=8)	2,933	2,501,267
2 plough (approx. min. drawbar H.P.=12)	7,282	8,852,100
2-3 plough (approx. min. drawbar H.P.=16)	12,855	19,824,551
3-4 plough (approx. min. drawbar H.P.=20)	11,896	25,495,963
Larger	3,639	9,841,379
General purpose (row crop) -		
1 plough (approx. min. drawbar H.P.=8)	4,126	3,419,164
2 plough (approx. min. drawbar H.P.=12)	13,337	14,635,072
2-3 plough (approx. min. drawbar H.P.=16)	3,994	6,398,053
3-4 plough (approx. min. drawbar H.P.=20) and larger.	2,143	3,741,755
Track Type Tractors (farm use)	1,255	4,570,947
Garden Tractors (two wheel only, including rotary tillage types)	6,493	1,675,125

(cont'd)

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value
TRACTORS AND ENGINES (cont'd)		\$
Stationary Engines and Power Units:		
Less than 5 H.P.	16,488	898,178
5 H.P. and larger	602	171,987
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN),		
TOTAL	-	1,332,584
Sprayers and Dusters, hand (including barrel and wheelbarrow)	40,871	153,313
Sprayers and Dusters, traction	912	207,675
Sprayers, power:		
1-6 gal. pump	3,488	491,815
7-15 gal. pump	248	92,930
Over 15 gal. pump	543	321,781
Dusters, power	226	65,070
FARM WAGONS, TRUCKS, AND SLEIGHS, TOTAL	-	2,824,935
Wagon Boxes	1,315	98,226
Wagon Gears (wooden wheel, standard)	736	88,407
Farm Trucks (low wheel, steel)	177	37,063
Rubber Tired Gears or Trailers	13,582	2,298,103
All Other Farm Wagons, Sleighs, and Trucks	-	303,136
WATER SYSTEMS, PUMPS, AND SEPTIC TANKS, TOTAL	-	5,386,881
Hand Well Pumps (wood or metal)	14,559	258,956
Domestic Water Systems:		
Deep well (except jets)	4,002	579,746
Shallow well (except jets)	33,260	3,026,407
Jet type	3,166	452,817
Windmills, complete	32	4,549
Windmill Heads and Wheels	495	43,922
Windmill Towers	266	27,899
Pump Jacks	6,244	183,556
Pumps for Farm Irrigation	359	47,292
All Other (pumps, septic tanks, etc.)	76,054	761,737
DAIRY MACHINERY AND EQUIPMENT, TOTAL	-	4,004,640
Milking Machines (complete equipment including milker pail units)	6,619	1,385,496
Milker Pail Units (sold separately)	3,462	248,197

(cont'd)

Table 4. - Farm Implement and Equipment Sales in Canada, by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value
		\$
DAIRY MACHINERY AND EQUIPMENT (cont'd)		
Cream Separators:		
300 lbs. and under	2,835	98,076
Over 300 lbs.	15,603	1,627,770
Farm Milk Coolers	1,443	486,009
Butter Churns (farm use)	4,267	75,851
All Other Dairy Machinery and Equipment	-	83,241
BARN EQUIPMENT, TOTAL	-	2,166,836
Feed Carriers	278	10,174
Litter Carriers	4,456	288,341
Track for Feed and Litter Carriers (feet)	500,640	140,201
Hay Forks and Slings	10,568	67,211
Hay Fork Carriers or Cars	9,437	169,884
Track for Hay Carriers (feet)	247,109	72,601
Stable Stalls and Livestock Pens (without stanchion units)	66,309	654,605
Cattle Stanchions	41,701	176,664
Stock Watering Cups and Bowls	54,604	276,936
Stock Tank and Pail Heaters	1,094	13,213
Watering Troughs for Livestock (except poultry)	8,328	128,714
Miscellaneous Barn Equipment	-	168,292
POULTRY FARM EQUIPMENT, TOTAL	-	466,863
Incubators	93	61,978
Brooders:		
Coal or wood	2,779	45,522
Oil	3,579	89,747
Electric	1,550	55,987
Battery or multiple type	221	12,803
Egg Handling Equipment	378	6,768
Feeders and Waterers for Poultry	221,404	153,205
Miscellaneous Poultry Farm Equipment	-	40,853
MISCELLANEOUS FARM EQUIPMENT, TOTAL	-	3,085,320
Beekeepers' Supplies	-	324,133
Animal Clippers and Shears, power	6,112	107,642
Electric Fence Controllers	13,728	137,157
Wood Sawing Machines	2,808	133,359
Windchargers	202	53,816
Electric Lighting Plants:		
32 volt	481	151,879
110 volt	906	524,116
Post-hole Diggers	3,460	187,376
Miscellaneous Equipment	-	1,465,842

FARM IMPLEMENT AND EQUIPMENT SALES

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Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces,
by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value \$
ALL TYPES, TOTAL	-	141,563,213
PLANTING, SEEDING AND FERTILIZING MACHINERY, TOTAL ..	-	4,070,832
Corn Planters	93	26,183
Potato Planters	39	10,657
Vegetable Planters (tractor type)	11	3,569
Transplanters	7	959
Grain Drills:		
Plain	5,700	2,501,398
Press	2,290	1,170,411
Manure Spreaders, horse or tractor drawn:		
Four wheel	460	131,322
Two wheel	552	141,415
All Other Planting, Seeding, and Fertilizing Machinery ...	-	84,918
PLOUGHS, TOTAL	37,407	13,951,389
Mouldboard Ploughs, horse drawn:		
Walking ploughs	17	785
Sulky ploughs, one furrow		
Riding gang ploughs, two furrow		
Mouldboard Ploughs, tractor drawn:		
Two furrow	3,475	464,041
Three furrow	6,525	1,604,198
Four furrow or larger	3,362	1,197,106
Mouldboard Ploughs, tractor mounted	2,091	248,699
Disc Ploughs, tractor drawn	337	117,014
One-way Discs (only)	14,017	6,568,158
One-way Discs with Seed Boxes	6,291	3,284,826
Rotary Tillers or Ploughs (over 10 H.P. class)	535	193,195
All Other Ploughs	757	273,367
TILLING, CULTIVATING, AND WEEDING MACHINERY, TOTAL ..	-	8,383,492
Harrows:		
Drag harrows (sections)	60,024	815,326
Spring tooth harrows (sections)	2,277	96,873
Disc harrows -		
Horse drawn	82	7,481
Tractor drawn -		
Single	2,973	1,253,001
Tandem	6,538	1,374,148
Land Rollers, Soil Pulverisers, and Soil Packers (including trailer packers)	5,655	303,345

(cont'd)

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces,
by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value
		\$
TILLING, CULTIVATING, AND WEEDING MACHINERY (cont'd)		
Scufflers and Cultivators:		
Scufflers	2,634	48,028
Corn cultivators	241	39,267
Field Cultivators:		
Horse drawn	25	2,940
Tractor drawn	13,635	3,482,905
Tractor mounted	1,399	231,893
Beet, bean and vegetable cultivators	286	28,248
Rod Weeders	2,431	415,525
Wire and Blade Weeders	653	137,880
Hand-operated Wheeled Cultivators and Weeders	2,171	15,876
All Other Cultivating and Tillage Machinery	-	130,756
HAYING MACHINERY, TOTAL	-	4,288,005
Mowers:		
Horse drawn	3,320	492,631
Tractor drawn	1,891	413,536
Tractor mounted	2,994	539,570
Hay Loaders	434	85,670
Dump Rakes	2,333	184,527
Side Delivery Rakes:		
Horse or tractor drawn	1,357	277,117
Power take-off	272	91,727
Sweeps	321	32,069
Tractor Loaders (with hay sweep, stacker, or manure bucket)	1,734	962,987
Hay Stackers (overshot)	236	62,133
Pick-up Hay Balers:		
Power take-off	530	568,858
Engine driven	316	549,125
Bale Loaders and Elevators	30	6,584
All Other Haying Machinery	-	21,471
HARVESTING MACHINERY, TOTAL	-	34,219,947
Combine Reaper Threshers:		
Six feet and under -		
Power take-off	419	465,255
Engine driven	1,962	2,746,420
Over six feet -		
Power take-off	2,580	5,310,488
Engine driven		
Self-propelled		
	5,465	18,750,670

(cont'd)

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces,
by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value \$
HARVESTING MACHINERY (cont'd)		
Swathers or Windrowers	7,866	4,137,904
Grain Binders:		
Ground drive	3,206	1,037,046
Power take-off	2,658	1,395,145
Corn Binders	4	1,532
Corn Pickers	127	109,008
Forage Crop Harvesters	13	10,330
Potato Diggers:		
Traction	73	14,266
Power take-off	122	41,546
Beet Lifters, horse or tractor drawn	153	12,995
All Other Harvesting Machinery	-	187,342
MACHINES FOR PREPARING CROPS FOR MARKET OR USE, TOTAL	-	3,788,136
Threshers	800	1,417,567
Ensilage or Forage Crop Blowers or Elevators	41	13,481
Ensilage Cutters	297	131,989
Feed or Roughage Cutters, hand and power	253	124,604
Grain Grinders	4,246	255,090
Rollers or Crushers	53	6,611
Cleaners for Grain	4,263	542,812
Hammermills	1,654	316,600
Grain Loaders and Elevators	5,248	871,655
All Other Machines for Preparing Crops for Market or Use .	-	107,727
TRACTORS AND ENGINES, TOTAL	-	66,512,089
Wheel Tractors:		
Standard -		
1 plough (approx. min. drawbar H.P.-8)	773	722,315
2 plough (approx. min. drawbar H.P.-12)	3,737	4,600,007
2-3 plough (approx. min. drawbar H.P.-16)	8,521	13,470,633
3-4 plough (approx. min. drawbar H.P.-20)	10,618	22,959,203
Larger	3,460	9,378,341
General purpose (row crop) -		
1 plough (approx. min. drawbar H.P.-8	5,115	5,472,151
2 plough (approx. min. drawbar H.P.-12)	1,534	2,655,462
2-3 plough (approx. min. drawbar H.P.-16)	1,257	2,307,300
3-4 plough (approx. min. drawbar H.P.-20)	991	3,929,764
Track Type Tractors (farm use)		
Garden Tractors (two wheel only, including rotary tillage types)	1,535	290,708
Stationary Engines and Power Units:		
Less than 5 H.P.	9,757	641,941
5 H.P. and larger	357	84,264

(cont'd)

Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces,
by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value \$
SPRAYING AND DUSTING EQUIPMENT (ORCHARD OR GARDEN), TOTAL	-	665,561
Sprayers and Dusters, hand (including barrel and wheelbarrow)	7,628	30,220
Sprayers and Dusters, traction	634	138,083
Sprayers, power:		
1-6 gal. pump	3,265	439,572
7-15 gal. pump	43	16,079
Over 15 gal. pump	69	19,050
Dusters, power	98	22,557
FARM WAGONS, TRUCKS, AND SLEIGHS, TOTAL	-	1,650,118
Wagon Boxes	1,281	94,524
Rubber Tired Gears or Trailers	8,025	1,334,591
All Other Farm Wagons, Sleighs, and Trucks	-	221,003
WATER SYSTEMS, PUMPS, AND SEPTIC TANKS, TOTAL	-	1,225,773
Hand well Pumps (wood or metal)	5,463	98,865
Domestic Water Systems:		
Deep well (except jets)	551	101,286
Shallow well (except jets)	5,037	454,331
Jet type	919	125,683
Windmills, complete	30	4,378
Windmill Heads and Wheels	203	19,011
Windmill Towers	171	18,753
Pump Jacks	4,082	107,660
Pumps for Farm Irrigation	84	9,700
All Other Pumps	31,450	286,106
DAIRY MACHINERY AND EQUIPMENT, TOTAL	-	886,638
Milking Machines (complete equipment including milker pail units)	1,058	207,635
Milker Pail Units (sold separately)	471	34,338
Cream Separators:		
300 lbs. and under	1,133	38,888
Over 300 lbs.	6,851	585,935
Farm Milk Coolers	43	8,627
All Other Dairy Machinery and Equipment	-	11,215

(cont'd)

FARM IMPLEMENT AND EQUIPMENT SALES

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Table 5. - Farm Implement and Equipment Sales in the Prairie Provinces,
by Types, 1949
(Values chiefly at wholesale prices)

Type	No. of Units	Value
BARN EQUIPMENT, TOTAL		
	-	460,139
Feed Carriers		
Litter Carriers	782	35,423
Track for Feed and Litter Carriers (feet)	95,780	24,849
Hay Forks and Slings	2,143	12,451
Hay Fork Carriers or Cars	1,931	27,557
Track for Hay Carriers (feet)	47,236	13,137
Stable Stalls and Livestock Pens (without stanchion units)	14,557	131,643
Cattle Stanchions	4,991	20,041
Stock Watering Cups and Bowls	8,362	41,428
Stock Tank and Pail Heaters	1,035	12,095
Watering Troughs for Livestock (except poultry)	6,588	99,495
Miscellaneous Barn Equipment	-	42,020
POULTRY FARM EQUIPMENT, TOTAL		
	-	114,235
Brooders:		
Coal or wood	380	7,303
Oil	2,246	38,346
Electric		
Battery or multiple type	275	6,844
Feeders and Waterers for Poultry	69,303	40,344
Miscellaneous Poultry Farm Equipment	-	21,398
MISCELLANEOUS FARM EQUIPMENT, TOTAL		
	-	1,346,859
Beekeepers' Supplies	-	92,866
Electric Fence Controllers	3,847	44,429
Wood Sawing Machines	1,036	30,216
Windchargers	199	53,092
Electric Lighting Plants:		
32 volt	395	126,237
110 volt	612	379,582
Post-hole Diggers	2,214	144,096
Miscellaneous Equipment	-	476,341

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GOVERNMENT OF CANADA

FARM IMPLEMENT AND
EQUIPMENT SALES
1950



DOMINION BUREAU OF STATISTICS -- DEPARTMENT OF TRADE AND COMMERCE

FARM IMPLEMENT AND EQUIPMENT SALES
1950

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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada — mining, forestry, and fishing; (b) manufacturing; (c) construction; and (d) merchandising and services.

For the purpose of annual compilation and publication, reports on merchandising and services have been classified as follows:

Part I — Wholesale Statistics

- A Wholesale Trade, 25¢.
- * B Operating Results of Food Wholesalers, 25¢.
- * C Operating Results of Dry Goods, Piece Goods, and Footwear Wholesalers, 25¢.
- * D Operating Results of Miscellaneous Wholesalers (automotive equipment, drugs, hardware, plumbing and heating equipment), 25¢.

Part II — Retail Statistics

- E General Review, 25¢.
- F Retail Trade, 50¢.
- G Retail Chain Stores, 50¢.
- * H Operating Results of Chain Food Stores, 25¢.
- * I Operating Results of Chain Clothing Stores, 25¢.
- * J Operating Results of Miscellaneous Chain Stores (variety, drug, furniture), 25¢.
- K Operating Results of Retail Food Stores, 25¢.
- L Operating Results of Retail Clothing Stores, 25¢.
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- N Operating Results of Filling Stations and Garages, 25¢.
- O Operating Results of Miscellaneous Retail Stores, 25¢.
- P Retail Consumer Credit, 25¢.

Part III — Services and Special Fields

- Q Laundries, Cleaners and Dyers, 25¢.
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- S Hotels, 25¢.
- T Sales Financing, 25¢.
- U Farm Implement and Equipment Sales, 25¢.
- V New Motor Vehicle Sales and Motor Vehicle Financing, 25¢.

The reports are punched to permit of filing in a ring binder.

- * Biennial reports — not issued for 1950.

NOTES

Sales reported in this series include only original sales of machinery in Canada. Manufacturers report only sales of goods of their own manufacture or of goods which they imported. Distributors report only sales of goods imported directly by them. Figures include sales made to Canadian customers only; export sales have been excluded.

... Value figures generally represent wholesale values.

... Used machinery, binder twine, and motor trucks are not included.

.. Sales of attachments have been included with the machines for which they were sold.

FARM IMPLEMENT AND EQUIPMENT SALES

1950

Sales of New Farm Machinery and Equipment

Farm machinery sales in Canada during 1950 barely surpassed the 1949 volume. The dollar value of implements and equipment sold totalled \$218,187,120 compared with 1949 sales of \$217,089,685. These figures and the values appearing throughout the tables of this report, are mainly at wholesale prices. On the basis of information supplied by manufacturers and importer-distributors, an average mark-up of 20.4% would produce a reasonably accurate estimate of expenditures by Canadian farmers on new implements and equipment in 1950. Retail sales of farm machinery, estimated on this basis, amounted to approximately \$263,000,000 in 1950.

There was wide variation in the 1949-1950 trends for different sections of the country. Manitoba, which had shown a 60% increase in 1949, reported sales 22% lower in 1950. Alberta and Saskatchewan reported only small gains of 2% and 5% respectively. British Columbia reported a 28% decline from the 1949 sales figure. In eastern parts of the country, increases ranged from 9% to 15%.

The following table shows the regional distribution of farm machinery and equipment sales for 1944 to 1950. It may be noted that the total for the three Prairie Provinces was 62.8% of the Canada total in 1950, somewhat lower than the 65.2% recorded in the previous year.

TABLE 1. Farm Implement and Equipment Sales, by Provinces, 1944-1950
(Values chiefly at wholesale prices)

Province	1944	1945	1946	1947	1948	1949	1950
	\$	\$	\$	\$	\$	\$	\$
Canada.....	54,824,135	64,293,216	81,698,185	122,394,742	170,666,070	217,089,685	218,187,120
Newfoundland.....	—	—	—	—	—	—	—
Maritime Provinces.....	1,933,382	2,614,295	3,768,645	4,286,830	5,461,031	5,399,111	5,850,741
Quebec.....	5,058,633	6,127,410	8,867,989	11,361,856	14,906,555	16,657,442	19,137,999
Ontario.....	12,977,046	14,893,109	20,268,580	28,036,903	38,453,369	47,775,991	51,922,436
Manitoba.....	7,224,039	8,101,194	9,987,683	15,583,121	23,369,284	37,474,620	29,308,664
Saskatchewan.....	15,220,383	18,055,056	20,308,054	33,382,699	46,505,877	59,629,464	62,629,271
Alberta.....	11,117,015	12,832,109	15,698,660	25,953,168	36,748,138	44,459,129	45,117,409
British Columbia.....	1,293,637	1,670,043	2,798,574	3,790,165	5,221,816	5,693,928	4,125,132

Among the commodity items, as can be seen from Table 2, there were distinctly different trends for various groups. Tractors and engines, the largest group by volume, showed a decrease of 4% from 1949. Another important group showing reduced volume was "Ploughs" which declined 15%. Although farm wagons, trucks and sleighs showed a decrease

of 21% and poultry equipment a decline of 21%, these are less important parts of the farm implement class.

Increases in certain other goods kept total volume at the previous year's level, among the more important of these being tilling, cultivating and weeding machinery (+ 8%) and harvesting machinery (+ 13%).

TABLE 2. Farm Implement and Equipment Sales by Major Groups, 1949-1950

Major Group	Canada			Prairie Provinces			
	1949	1950	Per cent change 1950/1949	1949	1950	Per cent change 1950/1949	Percentage of Canada total, 1950
	\$	\$	%	\$	\$	%	%
All types, total.....	217,089,685	218,187,120	+ 0.5	141,563,213	137,055,344	- 3.2	62.8
Planting, seeding, and fertilizing machinery.....	8,137,527	8,805,616	+ 8.2	4,070,832	4,305,889	+ 5.8	48.9
Ploughs.....	27,881,813	23,828,391	- 14.6	13,931,185	11,109,000	- 19.5	50.7
Tilling, cultivating, and weeding machinery.....	12,241,228	13,202,326	+ 7.9	8,383,492	9,759,427	+16.4	73.9
Haying machinery.....	10,569,126	10,610,317	+ 0.4	4,288,005	3,704,367	-13.6	34.9
Harvesting machinery.....	39,098,015	44,243,044	+13.2	34,219,947	38,113,347	+11.4	86.1
Machines for preparing crops for market or use.....	7,822,176	8,496,629	+ 8.5	3,238,100	3,677,931	+ 13.6	43.3
Tractors and engines.....	102,025,541	98,000,680	- 3.9	66,512,089	60,392,436	- 9.2	61.6
Spraying and dusting equipment.....	1,332,584	1,416,507	+ 6.3	655,561	699,960	+ 6.8	49.4
Farm wagons, trucks, and sleighs.....	2,824,935	2,220,870	-21.4	1,650,118	966,445	-41.4	43.5
Water systems and pumps.....	5,386,881	5,375,319	- 0.2	1,225,773	1,212,723	- 1.1	22.6
Dairy machinery and equipment.....	4,004,640	4,033,896	+ 0.7	886,638	585,702	-33.9	14.5
Ran equipment.....	2,166,836	2,266,024	+ 4.6	460,139	419,203	- 8.9	18.5
Poultry farm equipment.....	466,863	317,694	-32.0	114,235	106,970	- 6.4	33.7
Miscellaneous farm equipment.....	3,085,320	3,979,907	+29.0	1,346,859	1,902,887	+41.3	47.8

Note. Values chiefly at wholesale prices.

In this report, detailed commodity information is given for the period from 1944 to 1950 bringing together in more permanent

form a historical series somewhat similar to the 1936-43 summary presented in the report for the same years (see page 10)

Sales of Repair Parts

Sales of repair parts for farm machinery and equipment totalled \$29,862,034 in 1950, up 6% from \$28,104,505 reported in 1949. On the basis of supplementary information provided by reporting firms which indicated an average mark-up of 31.4%, it is estimated that farmers in Canada spent approximately \$39,000,000 on repair parts for farm machinery in 1950.

The trend in repair parts sales varied considerably in the different regions of the country. In British Columbia, the Atlantic Provinces and Quebec, major increases of 69%, 55% and 49% respectively were recorded. Repair parts sales in Manitoba and Saskatchewan were down 8% and 10% respectively from 1949, while moderate gains of 7% and 17% were recorded for Alberta and Ontario. The following table shows provincial sales for the years 1949 and 1950.

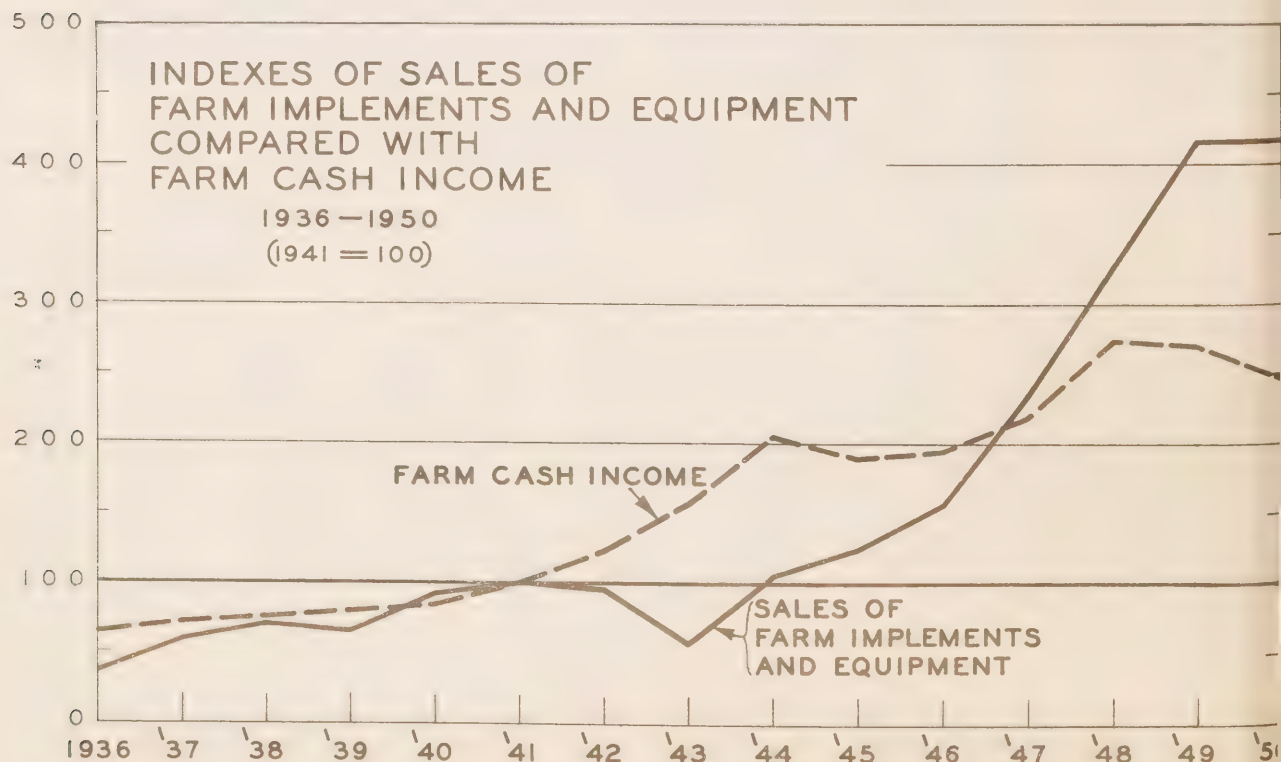
TABLE 3. Sales of Repair Parts, by Provinces, 1944-1950
(Values chiefly at wholesale prices)

Province	1944	1945	1946	1947	1948	1949	1950
	\$	\$	\$	\$	\$	\$	\$
Canada	17,084,138	18,734,009	20,827,005	23,276,162	26,996,844	28,104,505	29,862,034
Newfoundland	—	—	—	—	—	—	17,272
Maritime Provinces	428,906	483,323	505,027	567,912	659,822	711,997	1,084,897
Quebec	1,090,567	1,034,969	1,362,486	1,502,688	1,825,560	1,837,644	2,746,377
Ontario	2,897,238	3,113,157	3,481,052	4,299,526	4,995,751	5,182,703	6,038,045
Manitoba	2,331,530	2,735,717	2,999,607	3,456,574	3,908,708	4,143,931	3,801,813
Saskatchewan	6,116,175	6,745,424	7,348,265	7,407,977	8,362,667	8,939,587	8,035,003
Alberta	3,883,580	4,378,660	4,821,057	5,615,266	6,754,060	6,724,015	7,186,798
British Columbia	336,142	242,759	309,511	426,219	490,276	564,628	951,829

Sales of Farm Implements and Equipment Compared with Farm Cash Income, 1936-1950

Farm cash income showed a decrease of 11% from the 1949 volume. The sale of farm products diverged from that of farm implements which maintained the record of high

volume reached in 1949. The following chart presents a comparison of farm cash income and sales of farm implements and equipment.



FARM IMPLEMENT AND EQUIPMENT SALES

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TABLE 4. Farm Implement and Equipment Sales in Canada, by Types, 1950
(Values chiefly at wholesale prices)

Type	Number of units	Value
		\$
ALL TYPES, TOTAL	—	218,187,120
Planting, seeding, and fertilizing machinery, total	—	8,805,616
Corn planters:		
Horse or tractor drawn	406	64,521
Tractor mounted	447	103,324
Potato planters	500	127,092
Vegetable planters (tractor type)	55	14,724
Transplanters	487	93,554
Beet and bean drills:		
Horse or tractor drawn	167	36,026
Tractor mounted	—	—
Grain and fertilizer drills (combination)	4,407	1,473,168
Grain drills:		
Plain	5,886	2,941,393
Press	2,437	1,141,655
Broadcast seeders, horse or tractor drawn	1	1
Fertilizers and lime sowers, horse or tractor drawn	1,458	168,638
Manure spreaders, horse or tractor drawn:		
Four wheel	5,863	1,465,782
Two wheel	3,819	1,073,264
All other planting, seeding, and fertilizing machinery	—	102,475
Ploughs, total	54,215	15,228,291
Mouldboard ploughs, horse drawn:		
Walking ploughs:		
One furrow	1,337	33,323
Two furrow	173	7,975
Sulky ploughs, one furrow	38	4,329
Riding gang ploughs, two furrow	—	—
Mouldboard ploughs, tractor drawn:		
Two furrow	7,687	1,257,962
Three furrow	8,998	2,150,025
Four furrow or larger	2,527	898,700
Mouldboard ploughs, tractor mounted	13,326	1,791,790
Disc ploughs:		
Horse drawn	—	—
Tractor drawn	339	123,005
One-way discs (only)	10,369	4,609,414
One-way discs with seed boxes	4,041	2,642,308
Breaker ploughs	2,010	520,630
Rotary tillers or ploughs (over 10 H. P. class)	615	141,271
All other ploughs	2,755	1,047,054
Tilling, cultivating, and weeding machinery, total	—	13,202,326
Harrows:		
Dray harrows (sections)	63,167	654,081
Spring tooth harrows (sections)	10,342	414,272
Disc harrows:		
Horse drawn	819	47,212
Tractor drawn:		
Single	4,217	2,243,314
Tandem	13,363	2,484,549
Land rollers	44	4,320
Soil pulverisers	62	13,546
Soil packers (including trailer packers)	5,322	343,309
Scufflers and cultivators:		
Scufflers	6,662	147,878
Corn cultivators:		
Two horse	107	15,499
Tractor mounted	2,577	346,009
Field cultivators:		
Horse drawn	204	25,659
Tractor drawn	20,644	5,075,553
Tractor mounted	1,878	244,668
Beet, bean and vegetable cultivators:		
Horse or tractor drawn	232	42,868
Tractor mounted	322	10,365
Hillers (all types)	1,782	356,416
Rod weeders	204	28,788
Wire weeders	314	142,722
Blade weeders	78	4,866
Finger or tine weeders	3,552	24,872
Hand-operated wheeled cultivators and weeders	—	392,493
All other tilling, cultivating, and weeding machinery	—	—

TABLE 4. Farm Implement and Equipment Sales in Canada, by Types, 1950 — Continued
(Values chiefly at wholesale prices)

Type	Number of units	Value
		\$
Haying machinery, total	—	10,610,317
Mowers:		
Horse drawn	5,366	735,826
Tractor drawn	5,207	1,118,472
Tractor mounted	4,256	733,336
Hay loaders	6,180	1,225,692
Dump rakes	6,449	483,371
Side delivery rakes:		
Horse or tractor drawn	6,698	1,426,782
Power take-off	509	170,971
Hay tedders (only)	—	—
Hay crushers and crusher mowers	—	—
Sweeps:		
Hay sweeps, horse	24	2,549
Hay or stook sweeps, tractor	398	61,020
Tractor loaders (with hay sweep, stacker, or manure bucket)	1,924	991,207
Hay stackers (overshot)	55	12,813
Pick-up hay balers:		
Power take-off:		
Hand tie	26	38,213
Automatic	1,318	1,391,182
Engine driven:		
Hand tie	146	185,946
Automatic	1,019	1,923,425
Bale loaders and elevators	249	69,433
All other haying machinery	—	40,079
Harvesting machinery, total	—	44,243,044
Combine reaper threshers:		
Six feet and under:		
Power take-off	1,236	1,371,860
Engine driven	2,851	4,174,224
Over six feet:		
Power take-off	512	792,292
Engine driven	2,218	5,276,211
Self-propelled	6,170	22,961,211
Swathers or windrowers	7,714	4,309,649
Grain binders:		
Ground drive	3,483	1,349,169
Power take-off	3,309	1,841,359
Corn binders:		
Ground drive	406	140,519
Power take-off	192	115,123
Corn pickers:		
Pull type	288	284,767
Tractor mounted	110	115,361
Forage crop harvesters	773	859,558
Ensilage harvesters (corn)	74	46,895
Potato diggers:		
Traction	464	84,391
Power take-off	528	184,597
Potato harvesters and pickers	2	2
Vine lifters and shredders	2	2
Beet lifters, horse or tractor drawn	471	45,174
Beet toppers (only)	2	2
Beet harvesters	39	64,792
Beet loaders	41	28,975
Vegetable harvesters (other than for beets and potatoes)	2	2
Fruit and bulb harvesting devices	—	—
All other harvesting machinery	—	196,917
Machines for preparing crops for market or use, total	—	8,486,629
Threshers:		
With feeder and blower	2,245	3,479,527
All other	263	95,052
Ensilage or forage crop blowers or elevators	845	299,035
Ensilage cutters	1,441	711,017
Feed or roughage cutters, hand and power	466	110,268
Corn shellers:		
Hand	32	865
Power	65	16,575
Hay and straw balers (stationary)	23	22,110
Grain grinders:		
6' or less	645	98,669
Over 6'	3,604	220,930

TABLE 4. Farm Implement and Equipment Sales in Canada, by Types, 1950— Continued
(Values chiefly at wholesale prices)

Type	Number of units	Value
		\$
Machines for preparing crops for market or use — continued:		
Rollers or crushers	317	46,276
Pulpers	174	5,012
Cleaners for grain:		
Hand (fanning mills)	807	91,806
Power	1,532	207,770
Hammermills	3,957	815,472
Feed mixers	1,647	108,026
Sorters and graders:		
Potatoes (mainly)	67	18,483
Fruit (mainly)	64	32,576
Vegetables (mainly)	—	—
Bulb and flower seed (mainly)	—	—
Maple syrup evaporators	921	243,936
Maple syrup furnaces	500	77,483
Dryer heating units (for tobacco, hay, etc.)	3	3
Grain loaders and elevators	8,426	1,516,418
Seed treaters	1,541	225,580
All other machines for preparing crops for market or use	—	43,743
Tractors and engines, total	—	98,000,680
Wheel tractors:		
Standard:		
1 plough (approx. min. drawbar H.P. — 8)	2,490	2,408,748
2 plough (approx. min. drawbar H.P. — 12)	5,483	7,307,222
2-3 plough (approx. min. drawbar H.P. — 16)	12,943	21,558,965
3-4 plough (approx. min. drawbar H.P. — 20)	12,798	27,810,568
Larger	1,781	5,547,369
General purpose (row crop):		
1 plough (approx. min. drawbar H.P. — 8)	3,034	2,884,528
2 plough (approx. min. drawbar H.P. — 12)	3,135	4,063,339
2-3 plough (approx. min. drawbar H.P. — 16)	9,334	12,195,886
3-4 plough (approx. min. drawbar H.P. — 20)	4,837	7,677,465
Larger	1,232	4,942,008
Track type tractors (farm use)	3,854	811,459
Garden tractors (two wheel only, including rotary tillage types)		
Stationary engines and power units:		
Less than 5 H.P.	13,977	557,832
5 H.P. and larger	1,134	235,291
Spraying and dusting equipment (orchard or garden), total	—	1,416,507
Sprayers and dusters, hand (including barrel and wheelbarrow)	52,670	175,982
Sprayers and dusters, traction	1,647	365,332
Sprayers, power:		
1-6 gal. pump	1,237	320,053
7-15 gal. pump	222	110,987
Over 15 gal. pump	581	325,149
Dusters, power	452	119,004
Farm wagons, trucks and sleighs, total	—	2,220,870
Wagon boxes	545	44,725
Wagon gears (wooden wheel, standard)	167	16,400
Farm trucks (low wheel, steel)	4	4
Rubber tired gears or trailers	12,178	1,887,139
All other farm wagons, trucks and sleighs	—	272,606
Water systems and pumps, total	—	5,375,319
Hand well pumps (wood or metal)	11,839	197,306
Domestic water systems:		
Deep well (except jets)	2,419	430,704
Shallow well (except jets)	34,821	2,997,797
Jet type	3,266	499,024
Windmills, complete	33	5,175
Windmill heads and wheels	222	19,256
Windmill towers	92	10,695
Pump jacks	5,478	151,970
Pumps for farm irrigation	752	138,140
All other water systems and pumps	70,185	925,252

TABLE 4. Farm Implement and Equipment Sales in Canada, by Types, 1950 — Concluded
(Values chiefly at wholesale prices)

Type	Number of units	Value
		\$
Dairy machinery and equipment, total	—	4,033,896
Milking machines (complete equipment including milker pail units)	4,636	994,166
Milker pail units (sold separately)	1,779	173,480
Cream separators:		
300 lbs. and under	1,817	58,939
Over 300 lbs.	10,915	1,230,618
Farm milk coolers:		
Electrical refrigeration type	2,250	756,073
Surface type	527	22,094
Butter churns (farm use)	2,764	50,322
Water heaters (for dairy purposes)	5	5
All other dairy machinery and equipment	—	748,204
Barn equipment, total	—	2,266,024
Feed carriers	181	8,397
Litter carriers	3,355	234,335
Track for feed and litter carriers (feet)	375,567	110,733
Hay forks and slings	6,159	42,596
Hay fork carriers or cars	4,896	108,491
Track for hay carriers (feet)	179,796	54,559
Stable stalls and livestock pens (without stanchion units)	68,098	702,319
Cattle stanchions	55,397	217,023
Stock watering cups and bowls	61,787	318,574
Stock tank and pail heaters:		
Wood or coal	303	5,838
Electric	—	—
Watering troughs for livestock (except poultry)	9,759	163,435
Miscellaneous barn equipment	—	299,724
Poultry farm equipment, total	—	317,694
Incubators	68	4,077
Brooders:		
Coal or wood	706	11,980
Oil	3,432	69,709
Electric	1,989	47,360
Battery or multiple type	200	11,201
Egg handling equipment	60	1,661
Feeders and waterers for poultry	181,090	135,840
Poultry pluckers	—	—
Miscellaneous poultry farm equipment	—	35,866
Miscellaneous farm equipment, total	—	3,979,907
Beekeepers' supplies	—	210,335
Animal clippers and shears power	5,824	114,723
Sheep shears, power	6	6
Electric fence controllers	7,450	73,232
Wagon unloaders	6	6
Wood sawing machines	1,746	89,719
Windchargers	77	20,159
Electric lighting plants:		
32 volt	229	71,642
110 volt	456	274,293
Farm freezers (electric)	1,358	426,042
Post-hole diggers	3,069	146,379
Miscellaneous equipment	—	2,553,383

1. Included with "All other planting, seeding and fertilizing machinery".
2. Included with "All other harvesting machinery".
3. Included with "All other machines for preparing crops for market or use".
4. Included with "All other farm wagons, trucks and sleighs".
5. Included with "All other dairy machinery and equipment".
6. Included with "Miscellaneous equipment".

FARM IMPLEMENT AND EQUIPMENT SALES

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TABLE 5. Farm Implement and Equipment Sales in the Prairie Provinces, by Types, 1950

(Values chiefly at wholesale prices)

Type	Number of units	Value
ALL TYPES, TOTAL	—	137,055,344
Planting, seeding, and fertilizing machinery, total	—	4,305,889
Corn planters:		
Horse or tractor drawn	9	1,421
Tractor mounted	62	19,953
Potato planters	106	28,237
Vegetable planters (tractor type)	34	11,190
Transplanters	7	1,873
Beet and bean drills	1	1
Grain and fertilizer drills (combination)	1	1
Grain drills:		
Plain	5,265	2,830,554
Press	2,425	1,131,228
Broadcast seeders, horse or tractor drawn	1	1
Fertilizer and lime sowers, horse or tractor drawn	1	1
Manure spreaders, horse or tractor drawn:		
Four wheel	491	142,395
Two wheel	395	112,527
All other planting, seeding, and fertilizing machinery	—	26,511
Ploughs, total	28,595	11,198,096
Mouldboard ploughs, horse drawn:		
Walking plough:		
One furrow	11	252
Two furrow	—	—
Sulky ploughs, one furrow	—	—
Riding gang ploughs, two furrow	—	—
Mouldboard ploughs, tractor drawn:		
Two furrow	1,454	271,072
Three furrow	5,358	1,362,127
Four furrow or larger	2,425	855,841
Mouldboard ploughs, tractor mounted	1,383	217,736
Disc ploughs:		
Horse drawn	—	—
Tractor drawn	146	78,100
One-way discs (only)	8,836	4,165,904
One-way discs with seed boxes	4,016	2,631,454
Breaker ploughs	1,729	451,712
Rotary tillers or ploughs (over 10 H.P. class)	2	2
All other ploughs	3,237	1,163,898
Tilling, cultivating, and weeding machinery, total	—	9,759,427
Harrows:		
Drag harrows (sections)	53,818	559,251
Spring tooth harrows (sections)	3,020	127,051
Disc harrows:		
Horse drawn	20	1,726
Tractor drawn:		
Single	3,504	2,139,436
Tandem	4,514	1,018,509
Land rollers	15	2,570
Soil pulverisers	4,876	292,464
Soil packers (including trailer packers)	—	—
Scufflers and cultivators:		
Scufflers	1,651	30,369
Corn cultivators	159	32,073
Field cultivators:		
Horse drawn	—	—
Tractor drawn	17,890	4,622,639
Tractor mounted	882	112,396
Beet, bean, and vegetable cultivators:		
Horse or tractor drawn	212	24,553
Tractor mounted	—	—
Hilliers (all types)	3	3
Rod weeders	1,773	331,556
Wire weeders	164	29,244
Finger or tine weeders	309	140,942
Blade weeders	1,568	11,148
Hand operated wheeled cultivators and weeders	—	283,500
All other tilling, cultivating, and weeding machinery	—	—

TABLE 5. Farm Implement and Equipment Sales in the Prairie Provinces, by Types, 1950 - Continued
(Values chiefly at wholesale prices)

Type	Number of units	Value
		\$
Haying machinery, total	—	3,704,367
Mowers:		
Horse drawn	1,614	221,705
Tractor drawn	2,428	518,492
Tractor mounted	1,025	204,564
Hay loaders	323	66,390
Dump rakes	2,273	184,124
Side delivery rakes:		
Horse or tractor drawn	1,218	265,376
Power take-off	210	76,461
Hay tedders (only)	—	—
Hay crushers and crusher mowers	—	—
Sweeps:		
Hay sweeps, horse	24	2,549
Hay or stook sweeps, tractor	95	16,001
Tractor loaders (with hay sweep, stacker, or manure bucket)	1,316	742,180
Stackers (overshot)	4	4
Pick-up hay balers:		
Power take-off:		
Hand	—	—
Automatic	734	770,314
Engine driven	316	579,811
Rake loaders and elevators	73	20,187
All other haying machinery	—	36,213
Harvesting machinery, total	—	38,113,347
Combine reaper threshers:		
Six feet and under:		
Power take-off	458	550,277
Engine driven	2,031	2,976,447
Over six feet:		
Power take-off	2,723	6,053,617
Engine driven	5,814	21,751,090
Self-propelled	7,592	4,249,528
Swathers or windrowers	—	—
Grain binders:		
Ground driven	1,351	539,393
Power take-off	2,965	1,651,889
Corn binders	5	5
Corn pickers	38	48,546
Forage crop harvesters	62	46,838
Ensilage harvesters (corn)	5	5
Potato diggers:		
Traction	53	12,467
Power take-off	84	33,307
Potato harvesters and pickers	—	—
Vine lifters and shredders	5	5
Beet lifters, horse or tractor drawn	108	10,541
Beet loaders	5	5
Beet pickers	5	5
Beet loaders	5	5
Vegetable harvesters (other than for beets and potatoes)	—	—
Fruit and vegetable harvesters	—	—
All other harvesting machinery	—	189,407
Machines for preparing crops for market or use, total	—	3,687,892
Threshers:		
With feeder and blower	617	1,036,761
Ensilage or forage crop blowers or elevators	32	13,002
Ensilage cutters	314	145,838
Feed or roughage cutters, hand and power	137	74,184
Corn shellers	6	6
Hay and straw balers (stationary)	6	6
Grain grinders:		
6" or less	56	7,240
Over 6"	2,285	117,780
Rollers or crushers	70	9,867
Pulpers	6	6
Cleaners for grain:		
Hand (fanning mills)	800	91,477
Power	1,147	141,529
Hammermills	1,414	291,666

See page U.14 for footnotes.

FARM IMPLEMENT AND EQUIPMENT SALES

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TABLE 5. Farm Implement and Equipment Sales in the Prairie Provinces, by Types, 1930 — Continued
(Values chiefly at wholesale prices)

Type	Number of units	Value
		\$
Machines for preparing crops for market or use — continued:		
Feed mixers	1,209	38,441
Sorters and graders	6	6
Maple syrup evaporators	—	—
Maple syrup furnaces	—	—
Dryer heating units (for tobacco, hay, etc.)	6	6
Grain loaders and elevators	8,207	1,459,154
Seed treaters	1,541	225,580
All other machines for preparing crops for market or use	—	35,373
Tractors and engines, total	—	60,392,436
Wheel tractors:		
Standard:		
1 plough (approx. min. drawbar H. P. — 8)	344	359,817
2 plough (approx. min. drawbar H. P. — 12)	1,952	2,686,978
2-3 plough (approx. min. drawbar H. P. — 16)	7,600	13,900,123
3-4 plough (approx. min. drawbar H. P. — 20)	11,126	24,444,449
Larger	1,725	5,396,356
General purpose (row crop):		
1 plough (approx. min. drawbar H. P. — 8)	833	1,046,071
2 plough (approx. min. drawbar H. P. — 12)	1,994	2,872,172
2-3 plough (approx. min. drawbar H. P. — 16)	3,099	4,997,855
3-4 plough (approx. min. drawbar H.P. — 20)	—	—
Larger	—	—
Track type tractors (farm use)	912	4,017,364
Garden tractors (two wheel only, including rotary tillage types)	816	155,189
Stationary engines and power units:		
Less than 5 H. P.	6,964	367,399
5 H. P. and larger	854	148,663
	38,219	
Spraying and dusting equipment (orchard or garden), total	—	699,960
Sprayers and dusters, hand (including barrel and wheelbarrow)	8,343	40,099
Sprayers, power:		
1-6 gal. pump	771	226,674
7-15 gal. pump	61	21,452
Over 15 gal. pump	72	20,475
Sprayers and dusters, traction	1,749	391,260
Dusters, power	—	—
Farm wagons, trucks, and sleighs, total	—	966,145
Wagon boxes	511	39,517
Wagon gears (wooden wheel, standard)	—	—
Farm trucks (low wheel, steel)	7	7
Rubber tired gears or trailers	5,225	826,425
All other farm wagons, trucks, and sleighs	—	100,503
Water systems and pumps, total	—	1,212,723
Hand well pumps (wood or metal)	6,996	120,897
Domestic water systems:		
Deep well (except jets)	523	106,941
Shallow well (except jets)	4,005	337,822
Jet type	687	92,479
Windmills, complete	33	5,175
Windmill heads and wheels	136	12,182
Windmill towers	89	10,312
Pump jacks	4,453	117,749
Pumps for farm irrigation	427	74,273
All other water systems and pumps	3,391	—
Dairy machinery and equipment, total	—	585,702
Milking machines (complete equipment including milker pail units)	444	106,002
Milker pail units (sold separately)	409	55,771
Cream separators:		
300 lbs. and under	766	26,928
Over 300 lbs.	4,072	361,036

TABLE 3. Farm Implement and Equipment Sales in the Prairie Provinces, by Types, 1950 — Concluded
(Values chiefly at wholesale prices)

Type	Number of units	Value
		\$
Dairy machinery and equipment — continued:		
Farm milk coolers	43	8,179
Butter churns (farm use)	8	8
Water heaters (for dairy purposes)	8	8
All other dairy machinery and equipment	—	27,786
		419,202
Feed carriers	9	9
Litter carriers	9	9
Track for feed and litter carriers (feet)	9	9
Hay forks and slings	1,309	9,031
Hay fork carriers or cars	484	12,142
Track for hay carriers (feet)	23,450	7,074
Stable stalls and livestock pens (with stanchion units)	6,687	81,666
Cattle stanchions	3,998	18,262
Stock watering cups and bowls	2,136	11,506
Stock tank and pail heaters:		
Wood or coal	303	5,838
Electric	—	—
Watering troughs for livestock (except poultry)	9,025	149,968
Miscellaneous barn equipment	—	123,716
Poultry farm equipment, total	—	106,970
Brooders:		
Coal or wood	169	3,282
Oil	1,666	27,329
Electric	849	19,951
Battery or multiple type	—	—
Egg handling equipment	10	10
Feeders and waterers for poultry	81,768	54,707
Miscellaneous poultry farm equipment	—	1,701
Miscellaneous farm equipment, total	—	1,902,387
Beckkeepers' supplies	—	68,277
Animal clippers and shears, power	11	11
Sheep shears, power	11	11
Electric fence controllers	11	11
Wagon unloaders	11	11
Wood sawing machines	432	9,723
Windchargers	74	19,983
Electric lighting plants:		
52 volt	166	53,208
110 volt	290	173,864
Farm freezers (electric)	11	11
Post-hole diggers	1,818	107,160
Miscellaneous equipment	—	1,470,668

1. Included with "all other planting, seeding, and fertilizing machinery".
2. Included with "all other ploughs".
3. Included with "all other tilling, cultivating, and weeding machinery".
4. Included with "all other haying machinery".
5. Included with "all other harvesting machinery".
6. Included with "all other machines for preparing crops for market or use".
7. Included with "all other farm wagons, trucks, and sleighs".
8. Included with "all other dairy machinery and equipment".
9. Included with "miscellaneous barn equipment".
10. Included with "miscellaneous poultry farm equipment".
11. Included with "miscellaneous equipment".

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TABLE 6. Farm Implement and Equipment Sales, Canada, Selected Types, 1944-1950

Type of implement	1944		1945		1946		1947		1948		1949		1950	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Planting, seeding and fertilizing machinery, total	—	2,135	—	2,961	—	3,646	—	5,083	—	7,023	—	8,138	—	8,806
Transplanters	137	17	60	8	135	21	434	74	842	151	619	95	487	94
Grain and fertilizer drills (combination)	1,080	200	1,595	285	2,686	542	3,596	718	2,620	598	4,030	1,042	4,407	1,473
Grain drills:														
Plain	3,024	735	5,517	1,331	5,737	1,585	5,743	1,950	7,188	2,761	6,009	2,619	5,886	2,941
Press	424	158	256	81	386	115	865	342	1,441	658	2,295	1,173	2,437	1,142
Fertilizer and lime sowers	169	18	204	21	511	61	1,160	131	2,750	342	2,494	349	1,458	169
Manure spreaders:														
Four wheel	4,672	786	5,851	952	4,368	789	5,320	1,040	5,903	1,329	5,715	1,349	5,863	1,466
Two wheel	582	73	718	98	1,278	187	2,439	548	3,307	740	4,189	1,104	3,819	1,073
Ploughs, total	—	3,401	—	4,183	—	5,537	—	8,210	—	11,961	—	17,938	—	15,228
Mouldboard ploughs, tractor drawn:														
Two furrow	2,994	360	3,661	446	4,499	584	5,855	770	7,413	1,071	15,364	2,396	7,687	1,258
Three furrow	2,852	446	2,790	448	3,798	653	4,301	713	5,795	1,133	9,901	2,278	8,998	2,150
Four furrow or larger	843	190	603	137	657	143	1,393	320	2,346	689	3,477	1,202	2,527	899
Mouldboard ploughs, tractor mounted	1,569	132	4,217	313	6,699	610	7,707	786	12,605	1,333	10,089	991	13,326	1,792
One-way discs (only)	6,133	1,998	8,084	2,530	8,901	3,063	8,475	2,806	10,012	3,907	15,095	6,916	10,369	4,609
One-way discs with seed boxes							4,786	2,155	6,625	3,006	6,324	3,301	4,041	2,642
Breaker ploughs	162	22	54	5	162	29	1	1	1	1	789	268	2,010	521
Tilling, cultivating, and weeding machinery, total	—	2,132	—	3,020	—	4,648	—	6,306	—	9,337	—	12,241	—	13,202
Scufflers and cultivators:														
Scufflers	6,052	76	11,386	148	12,827	185	10,828	144	13,278	219	8,711	170	6,662	148
Corn cultivators:														
Two horse	841	65	1,107	87	521	50	475	47	790	56	237	29	107	15
Tractor mounted	1,652	200	3,496	375	2,439	272	3,129	349	5,183	607	3,509	386	2,577	346
Field cultivators:														
Horse drawn	596	71	1,206	134	831	75	921	75	364	27	425	28	204	26
Tractor drawn	3,225	540	3,495	547	5,437	919	8,413	1,642	11,201	2,422	16,547	3,906	20,644	5,076
Tractor mounted	1,494	161	2,721	255	2,203	228	1,847	205	5,586	726	3,070	435	1,878	245
Beet, bean, and vegetable cultivators:														
Horse or tractor drawn	92	10	153	16	1,304	80	2,323	75	2,725	119	237	31	232	43
Tractor mounted	84	9	141	13	103	12	294	17	783	57	744	61	1,029	139
Rod weeders	205	19	278	24	773	96	2,194	289	2,835	399	2,341	416	1,782	356
Roller weeders														
Horse														
Tractor	457	55	631	71	646	73	3,683	165	1,295	180	668	95	204	29
Haying machinery, total	—	1,625	—	2,444	—	3,733	—	5,688	—	9,351	—	10,569	—	10,610
Mowers:														
Horse drawn	6,800	655	11,426	1,096	11,472	1,302	10,701	1,246	10,497	1,358	8,464	1,211	5,366	736
Tractor drawn	123	18	360	45	383	62	978	170	2,594	531	3,150	708	5,207	1,118
Tractor mounted	653	90	747	83	2,592	391	3,072	442	7,999	1,188	8,618	1,382	4,256	733
Hay loaders	2,583	344	2,889	391	4,167	675	3,850	607	6,543	1,112	7,158	1,348	6,180	1,226
Dump rakes	4,986	273	8,599	471	8,343	505	8,881	552	7,336	493	7,686	562	6,449	483
Side delivery rakes:														
Horse or tractor drawn														
Power take-off	935	129	1,109	153	1,230	195	3,063	499	4,478	833	1,507	1,108	6,698	1,427
Tractor mounted														
Tractor loaders (with hay sweep, stacker, or manure bucket)	1	1	14	3	771	197	2,009	738	2,855	1,183	2,390	1,218	1,924	991
Pick-up hay balers:														
Power take-off:														
Hand tie														
Automatic		9	18	23			66	63	425	401	1,099	1,169	26	38
Engine driven:					154	253							146	186
Hand tie							666	1,136	1,284	2,104		1,399	1,019	1,923
Automatic		42	68	77										

1. Not available.

TABLE 6. Farm Implement and Equipment Sales, Canada, Selected Types, 1944-1950 - Continued

Type of implement	1944		1945		1946		1947		1948		1949		1950	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Harvesting machinery, total	-	9,548	-	13,168	-	15,211	-	23,179	-	36,047	-	39,088	-	44,243
Combine reaper threshers:														
Six feet and under:														
Power take-off	1,094	766	1,445	1,008	826	604	1,207	899	1,442	1,341	938	1,000	1,236	1,372
Engine driven	721	694	816	804	1,279	1,212	1,718	1,787	2,360	2,848	2,711	3,761	2,851	4,174
Over six feet:														
Power take-off	737	707	860	908	621	711	2,792	4,439	2,498	4,901	2,590	5,332	512	792
Engine driven	1,445	2,327	1,836	2,717	1,350	2,139	2,792	4,439	2,498	4,901	2,590	5,332	2,218	5,276
Self-propelled	1,318	3,192	1,893	4,508	2,005	5,697	3,564	9,872	6,039	18,418	5,746	19,652	6,170	22,961
Swathers or windrowers	1,093	392	2,189	774	2,749	1,214	5,105	2,099	7,698	3,912	7,926	4,164	7,714	4,310
Grain binders:														
Ground drive	3,614	997	5,939	1,668	7,938	2,527	6,445	2,105	6,264	2,111	4,367	1,701	3,483	1,349
Power take-off	483	181	781	280	992	414	1,708	738	2,132	1,006	2,852	1,510	3,309	1,841
Forage crop harvesters	37	18	62	35	119	71	182	148	295	279	422	527	773	860
Ensilage harvesters (corn)							97	56	86	60	82	66	74	47
Machines for preparing crops for market or use, total	-	2,325	-	2,930	-	3,782	-	5,126	-	5,904	-	7,822	-	8,487
Threshers:														
With feeder and blower	543	466	523	589	1,141	1,239	1,611	1,973	1,798	2,408	2,349	3,685	2,245	3,480
All other	273	41	468	108	366	62	164	31	321	73	216	44	263	95
Ensilage cutters	435	154	509	191	346	147	917	349	836	307	1,088	490	1,441	711
Grain grinders:														
6" or less	2,987	289	2,852	290	1,160	206	1,055	175	854	118	580	92	645	99
Over 6"	9,300	474	9,422	479	6,290	345	4,729	272	3,642	208	5,312	330	3,604	222
Cleaners for grain:														
Hand (fanning mills)	1,449	92	1,535	98	2,421	258	1,158	12	452	37	4,284	545	897	92
Power	213	40	216	56	2,867	338	3,386	405	3,386	405	4,284	545	1,562	208
Hammermills	1,175	155	1,255	165	2,300	315	2,832	459	3,843	569	3,963	711	3,917	315
Feed mixers	168	35	659	64	732	79	557	60	1,192	118	1,863	90	1,097	108
Grain loaders and elevators	3,400	345	5,680	571	6,955	600	6,596	792	6,255	848	5,415	887	8,446	1,516
Tractors and engines, total	-	22,487	-	20,977	-	24,983	-	42,223	-	63,065	-	102,026	-	98,001
Wheel tractors:														
Standard:														
1 plough (approx. min. drawbar H.P. - 8)	337	203	183	127	293	214	1,445	901	4,281	2,987	2,932	2,501	2,490	2,409
2 plough (approx. min. drawbar H.P. - 12)	1,897	1,122	2,888	2,248	2,783	2,267	3,785	3,830	4,267	4,890	7,282	8,852	5,483	7,307
2-3 plough (approx. min. drawbar H.P. - 16)	3,771	4,010	3,209	3,621	2,788	3,227	3,607	4,481	7,354	10,571	12,855	19,825	12,943	21,559
3-4 plough (approx. min. drawbar H.P. - 20)	3,874	5,203	2,844	3,992	2,359	3,411	4,422	6,601	5,901	10,141	11,896	25,496	12,798	27,611
General purpose (row crop):	2,967	3,088	1,638	2,521	1,877	2,953	3,701	6,599	4,418	9,067	3,639	9,841	1,781	5,547
1 plough (approx. min. drawbar H.P. - 8)	741	502	1,775	1,229	1,887	1,055	1,733	1,084	3,233	1,985	4,126	3,419	3,034	2,885
2 plough (approx. min. drawbar H.P. - 12)	3,738	2,631	2,248	1,569	7,421	5,964	9,297	8,458	9,978	10,376	13,337	14,635	3,135	4,063
2-3 plough (approx. min. drawbar H.P. - 16)	2,653	2,569	1,728	1,756	1,057	1,148	2,867	3,275	3,240	4,117	3,994	6,398	9,334	12,196
3-4 plough (approx. min. drawbar H.P. - 20)	1,583	1,697	1,742	2,134	1,626	1,993	2,083	2,647	2,016	2,995	2,143	3,742	4,837	7,677
Larger							406	616	436	753				
Track type tractors (farm use)	149	289	295	506	808	644	323	804	471	1,340	1,255	4,571	1,232	4,942
Garden tractors (two wheel only, including rotary tillage types)	202	55	649	195	2,203	667	4,374	1,019	9,526	1,987	6,493	1,675	3,854	811
Spraying and dusting equipment, total	-	297	-	482	-	748	-	1,122	-	1,489	-	1,333	-	1,417
Sprayers and dusters, traction	394	71	670	106	925	178	620	128	477	106	912	208	1,647	365
Sprayers, power:														
1-6 gal. pump			130	50	141	50	213	63	1,077	255	3,488	492	1,237	320
Over 6 gal. pump	286	138	256	92	230	111	492	184	443	164	248	93	222	111
Over 15 gal. pump			72	93	149	146	415	373	1,050	556	543	322	581	325
Dusters, power			71	33	141	66	294	92	629	182	226	66	452	119

TABLE 6. Farm Implement and Equipment Sales, Canada, Selected Types, 1944 - 1950 - Concluded

Type of implement	1944		1945		1946		1947		1948		1949		1950	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Water systems and pumps, total	—	2,200	—	2,945	—	3,910	—	5,167	—	5,801	—	5,387	—	5,375
Hand well pumps (wood or metal)	23,914	374	29,941	498	24,397	511	25,159	573	12,647	208	14,559	259	11,839	197
Domestic water systems:														
Deep well (except jets)	4,014	406	1,515	160	1,891	236	3,042	439	2,911	477	4,002	580	2,419	431
Shallow well (except jets)	9,668	761	13,056	1,091	21,238	1,892	29,647	2,768	40,995	3,599	33,260	3,026	34,821	2,998
Jet type	104	13	3,568	357	3,571	432	2,359	292	2,614	371	3,166	453	3,266	499
Dairy machinery and equipment, total	—	3,470	—	4,348	—	5,977	—	4,970	—	4,287	—	4,005	—	4,034
Milking machines (complete equipment less milker pail units).....	6,146	659	8,738	921	14,450	1,580	11,580	1,249	8,112	831	6,619 ²	1,385 ²	4,636 ²	994 ²
Milker pail units	12,108	814	17,242	1,183	22,735	1,607	18,850	1,283	12,834	939	3,462 ³	248 ³	1,779 ³	173 ³
Cream separators:														
300 lbs. and under	5,010	182	3,324	88	6,552	192	5,296	162	5,147	168	2,835	99	1,817	59
Over 300 lbs.	20,201	1,461	22,650	1,668	27,039	2,034	18,170	1,467	18,450	1,738	15,603	1,628	10,915	1,231
Farm milk coolers:														
Electrical refrigeration type..	1,173	265	1,595	368	1,535	389	2,360	610	1,426	436	1,443	486	2,250	756
Surface type	—	—	—	—	—	—	—	—	—	—	—	—	527	22
Butter churns (farm use)	7,716	65	8,992	97	11,710	109	11,715	105	7,977	112	4,267	76	2,764	50
Poultry farm equipment, total	—	283	—	456	—	748	—	722	—	475	—	467	—	318
Incubators:														
150 egg and under	1,177	22	1,224	26	760	19	352	11	206	5	93	62	68	4
151 egg to 2,000 egg capacity	43	23	32	86	122	288	61	126	29	79				
Over 2,000 egg capacity														
Brooders:														
Coal or wood	8,266	104	9,347	113	8,218	104	8,857	133	1,981	35	2,779	46	706	12
Oil			397	4	5,903	82	9,154	147	1,757	78	3,579	90	3,432	70
Electric	3,032	74	2,989	76	3,191	80	3,792	93	2,260	58	1,550	56	1,989	47
Battery or multiple type							72	7	515	25	221	13	200	11
Miscellaneous equipment, total	—	1,231	—	2,136	—	2,950	—	2,972	—	2,809	—	3,085	—	3,980
Electric fence controllers	45,413	402	29,746	275	24,634	229	16,499	143	12,672	108	13,738	137	7,450	73
Farm freezers (electric)	1	1	1	1	1	1	1	1	1	1	1	1	1,356	426
Post-hole diggers	1	1	1	1	1	1	1	1	1	1	3,460	187	3,069	146

1. Not available.

2. Complete equipment including milker pail units.

3. Milker pail units (sold separately).

DOMINION BUREAU OF STATISTICS—DEPARTMENT OF TRADE AND COMMERCE
CANADA

FARM IMPLEMENT AND EQUIPMENT SALES
1951



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Industry in Merchandising Division
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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 4 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Construction; **Volume IV**—Merchandising and Services.

Volume IV consists of the following parts with individual trade reports listed under each:

Part I — Wholesale Statistics

- A—Wholesale Trade, 25¢.
- B—Operating Results of Food Wholesalers, 25¢.
- C—Operating Results of Dry Goods, Piece Goods, and Footwear Wholesalers, 25¢.
- D—Operating Results of Miscellaneous Wholesalers, (Automotive parts and accessories, drugs, hardware, plumbing and heating equipment), 25¢.

Part II — Retail Statistics

- E—General Review, 25¢.
- F—Retail Trade, 25¢.
- G—Retail Chain Stores, 25¢.
- H—Operating Results of Chain Food Stores, 25¢.
- I—Operating Results of Chain Clothing Stores, 25¢.
- J—Operating Results of Miscellaneous Chain Stores (variety, drug, furniture), 25¢.
- *K—Operating Results of Retail Food Stores, 25¢.
- *L—Operating Results of Retail Clothing Stores, 25¢.
- *M—Operating Results of Retail Hardware, Furniture, Appliance and Radio Stores, 25¢.
- *N—Operating Results of Filling Stations and Garages, 25¢.
- *O—Operating Results of Miscellaneous Retail Stores, 25¢.
- P—Retail Consumer Credit, 25¢.

Part III — Service and Special Fields

- Q—Laundries, Cleaners and Dryers, 25¢.
- R—Motion Picture Theatres, Exhibitors, and Distributors, 25¢.
- S—Hotels, 25¢.
- T—Sales Financing, 25¢.
- U—Farm Implement and Equipment Sales, 25¢.
- V—New Motor Vehicle Sales and Motor Vehicle Financing 25¢.
- W—Advertising Agencies (Memorandum) 25¢.

The reports are punched to permit of filing in a ring binder.

* Biennial reports — not issued for 1951.

NOTES

... Sales reported in this series include only original sales of machinery in Canada. Manufacturers report only sales of goods of their own manufacture or of goods which they imported. Distributors report only sales of goods imported directly by them. Figures include sales made to Canadian customers only; export sales have been excluded.

... Value figures generally represent wholesale values.

... Used machinery, binder twine, and motor trucks are not included.

... Sales of attachments have been included with the machines for which they were sold.

FARM IMPLEMENT AND EQUIPMENT SALES

1951

Sales of farm implements and equipment totalled \$235,620,345 in 1951, representing an increase of 8% over the 1950 sales of \$218,187,120. Value figures appearing throughout the tables of this report, are chiefly at wholesale prices. Manufacturers and importer-distributors were asked to submit a percentage mark-up to be applied to their wholesale sales in order that estimated retail values could be arrived at. On the basis of information supplied, an average mark-up of 21.7% would produce a fairly accurate estimate of expenditures by Canadian farmers on new implements and equipment during 1951. Retail sales, estimated on this basis amounted to approximately \$287,000,000 in 1951.

The 1950-1951 trends varied widely in different sections of the country. British Columbia, which had registered a 28%

decrease in sales in 1950, reported sales 23% higher in 1951. Manitoba followed the same trend with increased sales of 8% in 1951 compared to a 22% decline in 1950. Alberta showed a 7% gain in sales, while Saskatchewan with a decline of 2% was the only province to register a drop in sales during 1951. In the eastern parts of the country, increases ranged from 13% to 26%.

The following table shows the regional distribution of farm implement and equipment sales for 1945 to 1951. It may be noted that total sales for the Prairie Provinces was 59.9% of the Canada total in 1951, this is somewhat lower than the 62.8% reported in the previous year.

TABLE 1. Farm Implement and Equipment Sales, by Provinces, 1945-1951
(Values chiefly at wholesale prices)

Province	1945	1946	1947	1948	1949	1950	1951
	\$	\$	\$	\$	\$	\$	\$
Canada	64,293,216	81,698,185	122,394,742	170,666,070	217,089,685	218,187,120	235,620,345
Newfoundland.....	1	1	1	1	5,399,111	95,468	119,945
Maritime Provinces	2,614,295	3,768,645	4,286,830	5,461,031		5,850,741	6,769,116
Quebec	6,127,410	8,867,989	11,361,856	14,906,555	16,657,442	19,137,999	23,816,008
Ontario	14,893,109	20,268,580	28,036,903	38,453,369	47,775,991	51,922,436	58,736,885
Manitoba	8,101,194	9,987,683	15,583,121	23,369,284	37,474,620	29,308,664	31,698,984
Saskatchewan.....	18,055,056	20,308,054	33,382,699	46,505,877	59,629,464	62,629,271	61,147,757
Alberta	12,832,109	15,698,660	25,953,168	36,748,138	44,459,129	45,117,409	48,267,092
British Columbia	1,670,043	2,798,574	3,790,165	5,221,816	5,693,928	4,125,132	5,064,558

1. Data not collected.

Table 2 shows the volume of sales by major groups of commodities. Sales of tractors and engines, the largest group by volume, declined 5% from 1950 as did tilling, cultivating, and weeding machinery but these decreases in volume of sales were more than compensated for by the substantial increases in

sales of such important groups as harvesting machinery, haying machinery, and machines for preparing crops for market use. Increases were reported in all other groups with the exceptions of dairy machinery and equipment, and miscellaneous farm equipment where declines in sales of 16% and 0.5% were reported.

TABLE 2. Farm Implement and Equipment Sales by Major Groups, 1950-1951
(Values chiefly at wholesale prices)

Major group	Canada			Prairie Provinces			
	1950	1951	Per cent change 1951/1950	1950	1951	Per cent change 1951/1950	Percentage of Canada total, 1951
	\$	\$	%	\$	\$	%	%
All types, total	218,187,120	235,620,345	+ 8.0	137,055,344	141,113,833	+ 3.0	59.9
Planting, seeding, and fertilizing machinery	8,805,616	9,516,447	+ 8.1	4,305,889	4,428,452	+ 2.8	46.5
Ploughs.....	15,228,291	15,454,118	+ 1.5	11,198,096	10,778,226	- 3.7	69.7
Tilling, cultivating, and weeding machinery	13,202,326	12,507,988	- 5.3	9,759,427	8,130,469	- 16.7	65.0
Haying machinery	10,610,317	14,844,424	+ 39.9	3,704,367	5,463,840	+ 47.5	36.8
Harvesting machinery	44,243,044	58,641,340	+ 32.5	38,113,347	50,478,809	+ 32.4	86.1
Machines for preparing crops for market or use ..	8,486,629	11,381,657	+ 34.1	3,687,892	5,671,628	+ 53.8	49.8
Tractors and engines	98,000,680	92,661,775	- 5.4	60,392,436	49,811,432	- 17.5	53.8
Spraying and dusting equipment	1,416,507	1,986,205	+ 40.2	699,960	1,169,136	+ 67.0	58.9
Farm wagons, trucks, and sleighs	2,220,870	2,483,968	+ 11.8	966,445	1,078,922	+ 11.6	43.4
Water systems and pumps.....	5,375,319	5,938,424	+ 10.5	1,212,723	1,390,435	+ 14.7	23.4
Dairy machinery and equipment.....	4,033,896	3,397,615	- 15.8	585,702	761,554	+ 30.0	22.4
Barn equipment	2,266,024	2,313,542	+ 2.1	419,203	474,264	+ 13.1	20.5
Poultry farm equipment.....	317,694	532,344	+ 67.6	106,970	122,893	+ 14.9	23.1
Miscellaneous farm equipment	3,979,907	3,960,498	- 0.5	1,902,887	1,353,773	- 28.9	34.2

Sales of Repair Parts

Sales of repair parts for farm implements and equipment totalled \$28,772,869 in 1951, down 4% from the 1950 sales of \$29,862,034. Supplementary information provided by reporting firms indicated an average mark up of 33% and on this basis, it is estimated that farmers in Canada spent approximately \$38,000,000 on repair parts for farm implements and equipment during 1951.

The trend in sales of repair parts varied considerably in the different regions of Canada. Newfoundland recorded an in-

crease of 19% in sales of repair parts while Ontario and Saskatchewan registered gains of 2% over 1951. Manitoba sales remained the same as in 1950. British Columbia sales of repair parts decreased 45% from last year while the Maritimes, Quebec, and Alberta reported decreases of 28%, 12%, and 5% respectively. The following table shows provincial sales for the years 1945 to 1951.

TABLE 3. Sales of Repair Parts, by Provinces, 1945-1951

(Values chiefly at wholesale prices)

Province	1945	1946	1947	1948	1949	1950	1951
	\$	\$	\$	\$	\$	\$	\$
Canada.....	18,734,009	20,827,005	23,276,162	26,996,844	28,104,505	29,862,034	28,772,869
Newfoundland.....	1	1	1	1	711,997	17,272	20,524
Maritime Provinces	483,323	505,027	567,912	659,822		1,084,897	780,653
Quebec.....	1,034,969	1,362,486	1,502,688	1,825,560	1,837,644	2,746,377	2,424,565
Ontario.....	3,113,157	3,481,052	4,299,526	4,995,751	5,182,703	6,038,045	6,166,312
Manitoba	2,735,717	2,999,607	3,456,574	3,908,708	4,143,931	3,801,813	3,802,524
Saskatchewan	6,745,424	7,348,265	7,407,977	8,362,667	8,939,587	8,035,003	8,230,364
Alberta.....	4,378,660	4,821,057	5,615,266	6,754,060	6,724,015	7,186,798	6,820,867
British Columbia	242,759	309,511	426,219	490,276	564,628	951,829	527,060

1. Data not collected.

Sales of Farm Implements and Equipment compared with Farm Cash Income, 1936-1951.

Farm cash income increased 27% over the 1950 volume while sales of farm implements and equipment were 8% higher

than in the previous year. The following chart presents a comparison of farm cash income and sales of farm implements and equipment.

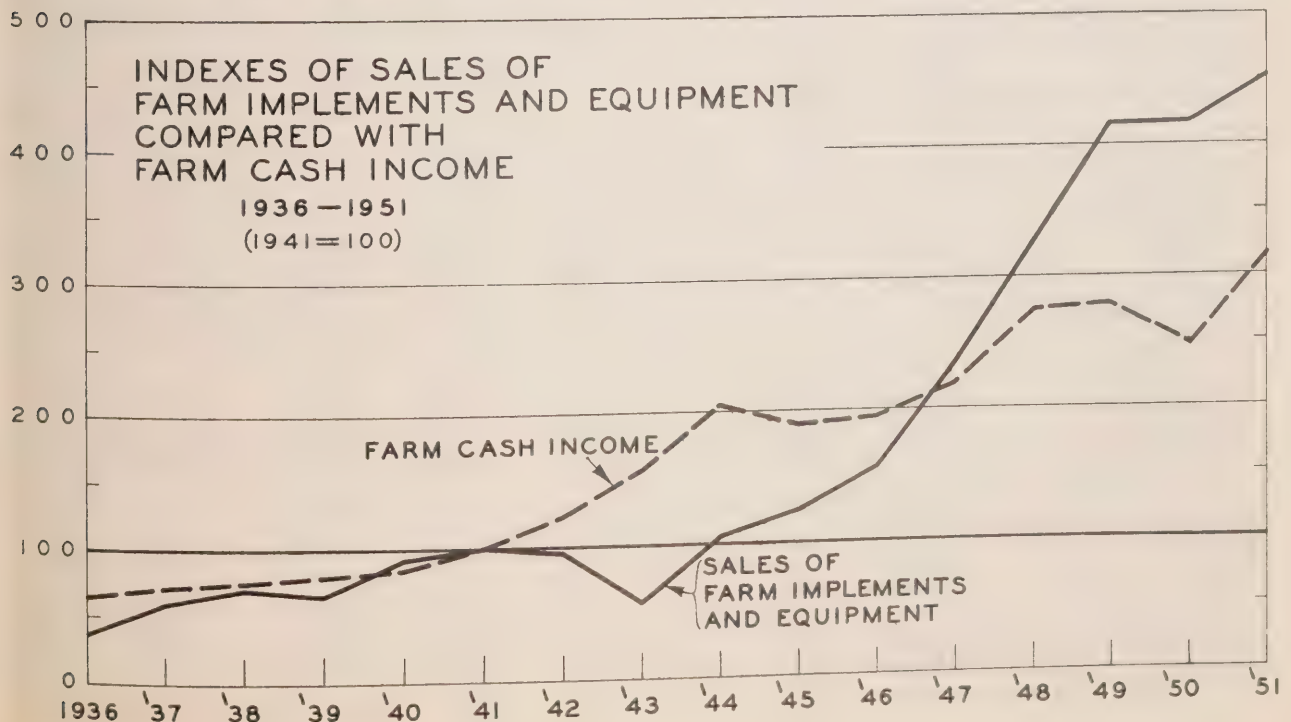


TABLE 4. Farm Implement and Equipment Sales in Canada, and the Prairie Provinces by Types, 1951

(Values chiefly at wholesale prices)

Type	Canada		Prairie provinces	
	Number of units	Value	Number of units	Value
		\$		\$
All types, total	—	235,620,345	—	141,113,831
Planting, seeding, and fertilizing machinery, total	—	9,516,447	—	4,428,435
Corn planters:				
Horse or tractor drawn	844	199,360	36	14,191
Tractor mounted	228	45,003	6	1,361
Potato planters	172	41,881	19	4,111
Vegetable seeders (tractor mounted)	29	6,242	1	1
Transplanters	375	82,302	1	1
Beet and bean drills:				
Horse or tractor drawn	1	1	1	1
Tractor mounted	—	—	—	—
Grain and fertilizer drills (combination)	5,119	1,649,736	83	46,224
Grain drills:				
Plain	6,284	2,823,922	5,522	2,576,744
Press	2,103	1,036,812	2,085	1,028,696
Broadcast seeders, horse or tractor drawn	218	8,201	—	—
Fertilizer and lime sowers:				
Horse or tractor drawn	7,778	726,750	5,846	463,327
Manure spreaders, horse or tractor drawn:				
Four wheel	4,790	1,335,493	368	118,591
Two wheel	4,757	1,393,210	481	148,133
All other planting, seeding, and fertilizing machinery	—	167,535	—	27,065
Ploughs, total	51,897	15,454,118	24,651	10,778,226
Mouldboard ploughs, horse drawn:				
Walking ploughs:				
One furrow	1,153	26,545	9	319
Two furrow	53	1,669		
Sulky ploughs, one furrow	21	4,554	—	—
Mouldboard ploughs, tractor drawn:				
Two furrow	6,061	1,147,349	975	196,193
Three furrow	11,952	4,535,752	8,299	3,662,881
Four furrow or larger	2,202	834,992	2,077	776,230
Mouldboard ploughs, tractor mounted:				
One furrow	2,059	168,306	159	15,109
Two furrow	12,389	1,924,615	698	123,559
Three furrow	526	115,735	162	36,270
Disc ploughs:				
Horse drawn	1	1	—	—
Tractor drawn	393	175,903	199	124,020
One-way discs (include offset type)	6,743	2,942,699	5,482	2,566,611
One-way discs with seed boxes	1,655	957,890	1,592	937,705
Disks	2,079	1,419,518	2,056	1,415,127
Disks with seed boxes	—	—	—	—
Breaker ploughs	1,824	492,461	1,539	438,635
Rotary tillers or ploughs:				
Garden (under 10 H.P. approx.)	460	161,107	641	185,781
Field (10 H.P. and over, p.t.o. or engine)	585	179,729		
All other ploughs	1,742	365,294	763	299,786
Tilling, cultivating, and weeding machinery, total	—	12,507,988	—	8,130,469
Harrows:				
Drag harrows (sections)	55,899	653,987	44,632	496,158
Spring tooth harrows (sections)	11,868	537,144	2,527	124,004
Disc harrows:				
Horse drawn	—	—	1	1
Tractor drawn:				
Single	347	24,882	—	—
Tandem	3,252	2,010,067	2,970	1,956,170
Land rollers	14,618	2,757,325	3,495	822,193
Soil pulverisers	129	17,267	—	—
Soil packers (including trailer packers)	426	51,240	1	1
Scufflers and cultivators:				
Scufflers	4,678	402,268	4,240	330,287
Corn cultivators:				
Two horse	4,241	110,963	1,000	21,284
Tractor mounted	32	4,410	—	—
Field cultivators:				
Horse drawn	2,648	423,249	68	18,544
Tractor drawn	27	2,971	—	—
Tractor mounted	16,619	3,858,194	13,195	3,276,713
Beet, bean, and vegetable cultivators:				
Horse or tractor drawn	2,103	330,789	779	134,335
Tractor mounted	568	107,660	1	1
Hilliers (all types)	354	32,005	103	12,445
Rod weeders	299	5,472	1	1
Wire weeders	1,655	260,030	1,648	259,495
Blade weeders:				
Field	1	1	1	1
Garden	773	384,249	773	384,249
Finger or tine weeders	1,814	4,749	832	2,261
Hand operated wheeled cultivators and weeders	437	45,300	1	1
All other tilling, cultivating, and weeding machinery	3,947	31,627	1,881	11,610
	—	452,140	—	280,721

1. Included in the "All Other" category of its group.

FARM IMPLEMENT AND EQUIPMENT SALES

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TABLE 4. Farm Implement and Equipment Sales in Canada, and the Prairie Provinces by Types, 1951 - Continued
(Values chiefly at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Haying machinery, total	—	14,844,424	—	5,463,840
Mowers:				
Horse drawn	4,074	601,855	1,258	187,503
Tractor drawn	7,036	1,601,132	3,070	685,362
Tractor mounted	4,661	897,635	914	189,673
Hay loaders	7,048	1,427,446	299	68,996
Dump rakes	5,615	454,153	2,009	181,000
Side delivery rakes:				
Horse or tractor drawn	8,224	1,955,910	2,321	615,984
Power take-off	1,222	369,452		
Hay tedders (only)	—	—	—	—
Hay crushers and crusher mowers	—	—	—	—
Sweeps:				
Hay sweeps, horse	1	1	1	1
Hay or stook sweeps, tractor	245	21,750	172	14,801
Tractor loaders (with hay sweep, stacker or manure bucket)	4,119	2,039,211	2,342	1,276,914
Hay stackers (overshot)	1	1	1	1
Hay and straw balers (stationary)	1	1	—	—
Pick-up hay balers:				
Power take-off:				
Hand tie	1	1	—	—
Automatic	2,492	3,847,165	960	1,385,395
Engine driven:				
Hand tie	1	1	1	1
Automatic	618	1,388,232	344	786,255
Bale loaders	224	70,058	33	9,429
Bale conveyors	1	1	1	1
All other haying machinery	—	170,425	—	62,528
Harvesting machinery, total	—	58,641,340	—	50,478,809
Combine reaper threshers:				
Six feet and under:				
Power take-off	1,950	1,916,119	558	699,801
Engine driven	3,390	5,444,065	2,540	4,040,288
Over six feet:				
Power take-off	1	1	1	1
Engine driven	2,192	5,827,608	2,186	5,820,716
Self propelled	7,965	33,010,745	7,557	31,434,580
Swathers or windrowers:				
Tractor drawn	8,866	5,125,441	8,649	5,003,369
Self-propelled	1	1	1	1
Grain binders:				
Ground drive	3,314	1,547,643	1,213	642,748
Power take-off	2,993	1,734,750	2,565	1,492,623
Corn binders:				
Ground drive	560	221,676	—	—
Power take-off	21	11,931	—	—
Corn pickers:				
Pull type	493	477,425	23	17,853
Tractor mounted	116	109,916	—	—
Forage crop harvester (including corn)	1,408	1,573,114	153	173,101
Forage crop blowers	548	261,657	37	15,096
Potato diggers:				
Traction	304	56,367	47	7,185
Power take-off	83	32,004	16	5,429
Potato harvesters, pickers, and combines	83	25,102	1	1
Vine lifters and shredders	1	1	1	1
Beet lifters, horse or tractor drawn	156	17,506	48	4,388
Beet toppers (only)	—	—	—	—
Beet harvesters	68	134,186	1	1
Beet loaders	1	1	1	1
Vegetable harvesters (other than for beets and potatoes)	1	1	—	—
Fruit and bulb harvesting devices	—	—	—	—
All other harvesting machinery	—	1,114,085	—	1,121,632
Machines for preparing crops for market or use, total	—	11,381,657	—	5,671,628
Threshers:				
With feeder and blower	2,687	4,538,561	732	1,360,798
All other	311	122,476	—	—
Ensilage or forage crop blowers or elevators	915	337,743	66	23,530
Ensilage cutters	1,083	521,924	307	159,255
Feed or roughage, hand and power	880	124,586	484	56,811
Corn sheller:				
Hand	52	882	—	—
Power	51	9,497	—	—
Grain grinders:				
6" or less	720	114,595	1	1
Over 6"	5,071	320,877	3,678	204,379
Rollers or crushers (grain)	1,525	182,107	146	12,258
Pulpers	146	5,826	1	1
Cleaners for grain:				
Hand (fanning mills)	1,397	161,349	3,473	415,017
Power	2,094	281,363		
Hammermills	4,587	943,414	1,589	355,187

1. Included in the "All Other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada, and the Prairie Provinces by Types, 1951 — Continued
(Values chiefly at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Machines for preparing crops for market or use — Concluded:				
Feed mixers	1,456	145,640	900	42,795
Sorters and graders:				
Potatoes (mainly).....	67	11,253	1	1
Fruit (mainly)	1	—	—	—
Vegetables (mainly).....	—	—	—	—
Bulb and flower seed (mainly)	—	—	—	—
Maple syrup evaporators	856	225,940	—	—
Maple syrup furnaces.....	457	68,590	—	—
Dryer heating units (for tobacco, hay, etc.).....	1	1	1	1
Grain loaders and elevators	6,188	1,036,588	5,844	942,399
Portable grain elevators	10,834	1,972,155	10,420	1,914,859
Seed treaters	831	29,689	830	29,639
All other machines for preparing crops for market or use	—	226,602	—	154,701
Tractors and engines, total	—	92,661,775	—	49,811,432
Wheel tractors:				
Standard:				
1 plough (approx. drawbar H.P. 7-9).....	1,782	1,588,424	186	189,067
2 plough (approx. drawbar H.P. 12-14).....	4,656	5,995,936	583	735,676
2-3 plough (approx. drawbar H.P. 15-18)	12,900	16,694,670	2,523	3,620,911
3 plough (approx. drawbar H.P. 18-22).....	8,295	14,326,634	4,481	8,041,152
3-4 plough (approx. drawbar H.P. 22-27)	11,351	25,464,817	9,529	21,457,321
Larger	2,805	9,087,990	2,695	8,738,632
General purpose (row crop):				
1 plough (approx. drawbar H.P. 7-9).....	1,226	1,655,998	178	263,607
2 plough (approx. drawbar H.P. 12-14)	3,753	5,171,841	214	305,493
2-3 plough (approx. drawbar H.P. 15-18)	2,045	3,748,327	459	970,578
3 plough (approx. drawbar H.P. 18-22).....	1,061	2,429,816	904	2,279,960
3-4 plough (approx. drawbar H.P. 22-27)	394	1,085,505	—	—
Larger	988	3,541,906	542	2,355,732
Track type tractors (farm use)	—	—	—	—
Garden tractors:				
Two wheel	3,745	879,226	—	—
Four wheel	30	15,245	975	185,810
Gas engines:				
Less than 5 H.P.	4,625	401,343	2,474	240,099
5 H.P. and larger	4,310	563,785	3,480	419,641
Power units (approx. 10 H.P.)	18	10,312	13	7,753
Spraying and dusting equipment (orchard or garden), total	—	1,986,205	—	1,169,136
Sprayers:				
Hand, pack, sack, barrel and wheelbarrow	50,713	165,054	4,272	35,362
Weed (low volume, low pressure).....	3,468	592,676	3,201	559,521
Orchard:				
High pressure:				
Under 15 gal.	725	168,715	53	24,866
15 gal. and over	786	352,389	62	13,215
Concentrate sprayers.....	53	76,391	—	—
Concentrate attachments.....	253	45,170	1	1
Other	1,794	449,007	1,755	439,424
Dusters:				
Hand	410	7,053	—	—
Weed	103	26,904	103	26,904
Orchard	1	1	—	—
Other	238	102,846	206	69,844
Farm wagons, trucks, and sleighs, total	—	2,483,968	—	1,078,922
Wagon boxes	2,306	285,035	1,125	83,334
Wagon gears (wood and steel wheel).....	143	16,422	1	1
Rubber tired gears or trailers.....	13,007	1,928,617	5,166	836,542
All other farm wagons, sleighs, and trucks	—	253,894	—	159,046
Water systems, pumps, and septic tanks, total	—	5,938,424	—	1,390,435
Hand well pumps (wood or metal)	11,806	179,827	2,900	47,649
Domestic water systems:				
Deep well (except jets).....	2,667	480,518	548	108,108
Shallow well (except jets)	30,467	2,848,856	4,614	415,361
Jet type	4,277	665,689	599	99,354
Windmills, complete.....	1	1	1	1
Windmill heads and wheels	188	18,556	81	8,898
Windmill towers	61	5,412	39	3,736
Pump jacks	5,811	155,706	4,369	107,382
Pumps for farm irrigation	849	106,809	585	62,255
Sprinkler irrigation systems, including pumps	364	586,146	158	223,378
Septic tanks	1	1	1	1
All other water systems and pumps	65,814	890,905	27,885	314,314

1. Included in the "All Other" category of its group.

FARM IMPLEMENT AND EQUIPMENT SALES

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TABLE 4. Farm Implement and Equipment Sales in Canada, and the Prairie Provinces by Types, 1951 — Concluded
(Values chiefly at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Dairy machinery and equipment, total.....	—	3,397,615	—	761,554
Milking machines (complete equipment, including milker pail units).....	5,160	1,133,470	837	178,266
Milker pail units (sold separately)	1,204	82,344	183	18,258
Cream separators:				
300 lb. and under	1,479	50,811	642	22,845
Over 300 lb.	13,135	1,487,496	6,071	516,593
Farm milk coolers:				
Electrical refrigeration type	1,692	555,297	63	17,854
Surface type	1	1	1	1
Butter churns (farm use)	2,693	61,944	886	5,106
Water heaters for dairy purposes (oil, gas, or electric)	150	6,073	—	—
All other dairy machinery and equipment	—	20,180	—	2,632
Barn equipment, total	—	2,313,542	—	474,264
Feed carriers	183	10,275	1	1
Feed carts	1	1	—	—
Litter carriers	3,590	189,365	1	1
Track for feed and litter carriers (feet)	380,282	116,644	43,443	11,337
Hay forks and slings	6,379	58,276	1,076	9,376
Hay fork carriers or cars	4,873	125,742	780	15,281
Track for hay carriers (feet)	236,298	65,155	36,756	8,848
Stable stalls and livestock pens (without stanchion units)	64,944	668,926	11,782	116,126
Cattle stanchions	55,608	241,177	8,001	32,534
Milking parlour stalls	102	19,794	1	1
Stock watering cups and bowls	57,580	314,061	8,234	43,330
Stock tanks and pail heaters:				
Wood or coal	14,798	115,212	1,753	23,897
Electric	—	—	—	—
Watering troughs for livestock (except poultry)	5,868	176,491	4,976	155,316
Ventilation fans (barn and poultry house)	1	1	1	1
Miscellaneous barn equipment	—	212,424	—	58,219
Poultry farm equipment, total	—	532,344	—	122,893
Incubators:				
150 egg and under	95	5,878	—	—
151 egg to 2000 egg capacity				
Over 2000 egg capacity				
Brooders:				
Coal or wood	866	20,238	1	1
Oil	4,094	118,549	424	10,339
Electric	2,545	81,548	831	20,084
Battery or multiple type	194	11,411	1	1
Egg handling equipment	65	1,583	1	1
Feeders and waterers for poultry	245,975	250,589	83,869	81,292
Poultry pluckers	1	1	—	—
Miscellaneous poultry farm equipment	—	42,548	—	11,178
Miscellaneous farm equipment, total	—	3,960,498	—	1,353,773
Beekeepers' supplies	—	237,152	—	94,427
Animal clippers and shears, power	5,785	121,053	1	1
Sheep shears, power	1	1	1	1
Electric fence controllers	13,161	131,730	2,871	29,539
Wagon unloaders	305	27,861	1	1
Wood sawing machines	1,355	116,262	443	19,057
Windchargers:				
Six volt	1	1	1	1
Other	1	1	1	1
Electric lighting plants:				
32 volt	334	92,564	251	67,094
110 volt	597	304,901	230	127,752
Farm freezers (electric)	1,356	453,061	236	90,444
Post hole diggers	3,648	140,386	2,489	100,179
Miscellaneous equipment	—	2,335,528	—	825,281

1. Included in the "All Other" category of its group.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1945-1951

	1945		1946		1947		1948		1949		1950		1951	
Type of implement	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Planting, seeding, and fertilizing machinery, total.....	—	2,961	—	3,646	—	5,083	—	7,023	—	8,138	—	8,806	—	9,516
Transplanters	60	8	135	21	434	74	842	151	619	95	487	94	375	82
Grain and fertilizer drills(combination)	1,595	285	2,686	542	3,596	718	2,620	598	4,030	1,042	4,407	1,473	5,119	1,650
Grain drills:														
Plain.....	5,517	1,331	5,737	1,585	5,743	1,950	7,188	2,761	6,009	2,619	5,886	2,941	6,284	2,824
Press	256	81	386	115	865	342	1,441	658	2,295	1,173	2,437	1,142	2,103	1,037
Fertilizer and lime sowers	204	21	511	61	1,160	131	2,750	342	2,494	349	1,458	169	7,778	727
Manure spreaders:														
Four wheel.....	5,851	952	4,368	789	5,320	1,040	5,903	1,329	5,715	1,349	5,863	1,466	4,790	1,335
Two wheel	718	98	1,278	187	2,439	548	3,307	740	4,189	1,104	3,819	1,073	4,757	1,393
Ploughs, total	—	4,183	—	5,537	—	8,210	—	11,961	—	17,938	—	15,228	—	15,454
Mouldboard ploughs, tractor drawn:														
Two furrow.....	3,661	446	4,499	584	5,855	770	7,413	1,071	15,364	2,396	7,687	1,258	6,061	1,147
Three furrow	2,790	448	3,798	653	4,301	713	5,795	1,133	9,901	2,278	8,998	2,150	11,952	4,536
Four furrow or larger	603	137	657	143	1,393	320	2,346	689	3,477	1,202	2,527	899	2,202	835
Mouldboard ploughs, tractor mounted....	4,217	313	6,699	610	7,707	786	12,605	1,333	10,089	991	13,326	1,792	14,974	2,208
One-way discs (only).....					8,475	2,806	10,012	3,907	15,095	6,916	10,369	4,609	6,743	2,943
One-way discs with seed boxes	8,084	2,530	8,901	3,063	14,786	2,155	6,625	3,006	6,324	3,301	4,041	2,642	1,655	958
Breaker ploughs	54	5	162	29	1	1	1	1	789	268	2,010	521	1,824	492
Tilling, cultivating, and weeding machinery, total.....	—	3,020	—	4,648	—	6,306	—	9,337	—	12,241	—	13,202	—	12,508
Scufflers and cultivators:														
Scufflers.....	11,386	148	12,827	185	10,828	144	13,278	219	8,711	170	6,662	148	4,241	111
Corn cultivators:														
Two horse	1,107	87	521	50	475	47	790	56	237	29	107	15	32	4
Tractor mounted	3,496	375	2,439	272	3,129	349	5,183	607	3,509	386	2,577	346	2,648	423
Field cultivators:														
Horse drawn.....	1,206	134	831	75	921	75	364	27	425	28	204	26	27	3
Tractor drawn	3,495	547	5,437	919	8,413	1,642	11,201	2,422	16,542	3,906	20,644	5,076	16,619	3,858
Tractor mounted	2,721	255	2,203	228	1,847	205	5,586	726	3,020	435	1,878	245	2,103	331
Beet, bean, and vegetable cultivators:														
Horse or tractor drawn	153	16	1,304	80	2,323	75	2,725	119	237	31	232	43	568	108
Tractor mounted	141	13	103	12	294	17	783	57	744	61	1,029	139	354	32
Rod weeders	278	24	773	96	2,194	289	2,835	399	2,431	416	1,782	356	1,655	260
Blade weeders														
Wire weeders	631	71	646	73	3,683	165	1,295	180	343	52	314	143	2,587	389
									668	95	204	29	1	1
Haying machinery, total.....	—	2,444	—	3,733	—	5,688	—	9,351	—	10,569	—	10,610	—	14,844
Mowers:														
Horse drawn.....	11,426	1,096	11,472	1,302	10,701	1,246	10,497	1,358	8,464	1,211	5,366	736	4,074	602
Tractor drawn	360	45	383	62	978	170	2,594	531	3,150	708	5,207	1,118	7,036	1,601
Tractor mounted	747	83	2,592	391	3,072	442	7,999	1,188	8,618	1,382	4,256	733	4,661	898
Hay loaders	2,889	391	4,167	675	3,850	607	6,543	1,112	7,158	1,348	6,180	1,226	7,048	1,427
Dump rakes	8,599	471	8,343	505	8,881	552	7,336	493	7,686	562	6,449	483	5,615	454
Side delivery rakes:														
Horse or tractor drawn														
Power take-off.....	1,109	153	1,230	195	3,063	499	4,478	833	5,509	1,108	6,698	1,427	8,224	1,956
Tractor loaders (with hay sweep, stacker, or manure bucket).....									680	220	509	171	1,222	369
Pick-up hay balers:	14	3	771	197	2,009	738	2,855	1,183	2,398	1,218	1,924	991	4,119	2,039
Power take-off:														
Hand tie														
Automatic														
Engine driven:	86	100	154	253	733	1,199	1,709	2,505	1,914	2,568	1,318	1,391	2,492	3,847
Hand tie														
Automatic														
Harvesting machinery, total	—	13,168	—	15,211	—	23,179	—	36,047	—	39,088	—	44,243	—	58,641
Combine reaper threshers:														
Six feet and under:														
Power take-off.....	1,445	1,008	828	604	1,207	899	1,442	1,341	938	1,000	1,236	1,372	1,950	1,916
Engine driven	816	804	1,279	1,212	1,718	1,787	2,360	2,848	2,711	3,761	2,851	4,174	3,390	5,444
Over six feet:														
Power take-off.....	2,696	3,617	1,971	2,850	2,792	4,439	2,498	4,901	2,590	5,332	512	792	1	1
Engine driven											2,218	5,276	2,192	5,828
Self-propelled	1,893	4,508	2,005	5,697	3,564	9,872	6,039	18,418	5,746	19,652	6,170	22,961	7,965	33,011
Swathers or windrowers	2,189	774	2,749	1,214	5,105	2,099	7,698	3,912	7,926	4,164	7,714	4,310	8,866	5,125
Grain binders:														
Ground drive	5,939	1,668	7,938	2,527	6,445	2,105	6,264	2,111	4,367	1,701	3,483	1,349	3,314	1,548
Power take-off.....	781	280	992	414	1,708	738	2,132	1,006	2,852	1,510	3,309	1,841	2,993	1,735
Forage crop harvesters														
Ensilage harvesters (corn)	62	35	119	71	179	204	381	339	504	593	847	907	1,408	1,573

1. Not available.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1945-1951 — Concluded

Type of implement	1945		1946		1947		1948		1949		1950		1951	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Machines for preparing crops for market or use, total	-	2,930	-	3,782	-	5,126	-	5,904	-	7,822	-	8,487	-	11,382
Threshers:														
With feeder and blower	523	589	1,141	1,239	1,611	1,973	1,798	2,408	2,349	3,685	2,245	3,480	2,687	4,539
All other	468	108	366	62	164	31	321	73	216	44	263	95	311	122
Ensilage cutters	509	191	346	147	917	349	836	307	1,088	490	1,441	711	1,083	522
Grain grinders:														
6" or less	2,852	290	1,160	206	1,055	175	854	118	580	92	645	99	720	115
Over 6"	9,422	479	6,290	345	4,729	272	3,642	208	5,312	330	3,604	221	5,071	321
Cleaners for grain:														
Hand (fanning mills)														
Power	1,751	154	2,421	258	4,025	350	3,838	442	4,284	545	807	92	1,397	161
Hammermills	1,255	165	2,300	315	2,832	459	3,843	569	3,963	711	1,532	208	2,094	281
Feed mixers	659	64	732	78	557	60	1,102	118	1,863	90	3,957	815	4,587	943
Grain loaders and elevators	5,680	571	6,955	690	6,596	792	6,255	848	5,415	887	1,647	108	1,456	146
											8,426	1,516	6,188	1,037
Tractors and engines, total	-	20,977	-	24,983	-	42,223	-	63,065	-	102,026	-	98,001	-	92,662
Wheel tractors:														
Standard:														
1 plough (approx. min. drawbar H. P. - 8)	183	127	293	214	1,445	901	4,281	2,987	2,933	2,501	2,490	2,409	1,782	1,588
2 plough (approx. min. drawbar H. P. - 12)	2,888	2,248	2,783	2,267	3,785	3,830	4,267	4,890	7,282	8,852	5,483	7,307	4,656	5,996
2-3 plough (approx. min. drawbar H.P. - 16)	3,209	3,621	2,788	3,227	3,697	4,481	7,354	10,571	12,855	19,825	12,943	21,559	12,900	16,695
3-4 plough (approx. min. drawbar H.P. - 20)	2,844	3,992	2,359	3,411	4,422	6,601	5,901	10,141	11,896	25,496	12,798	27,811	19,646	39,791
Larger	1,638	2,521	1,877	2,953	3,701	6,599	4,418	9,067	3,639	9,841	1,781	5,547	2,805	9,088
General purpose (row crop):														
1 plough (approx. min. drawbar H. P. - 8)	1,775	1,229	1,533	1,055	1,733	1,084	3,233	1,985	4,126	3,419	3,034	2,885	1	1
2 plough (approx. min. drawbar H. P. - 12)	2,248	1,569	7,421	5,964	9,297	8,458	9,978	10,376	13,337	14,635	3,135	4,063	904	1,355
2-3 plough (approx. min. drawbar H.P. - 16)	1,728	1,756	1,057	1,148	2,867	3,275	3,240	4,117	3,994	6,398	9,334	12,196	3,753	5,172
3-4 plough (approx. min. drawbar H.P. - 20)	1,742	2,134	1,626	1,993	2,489	3,263	2,452	3,748	2,143	3,742	4,837	7,677	3,106	6,178
Larger	295	506	308	644	323	804	471	1,340	1,255	4,571	1,232	4,942	394	1,086
Track type tractors (farm use)	295	506	308	644	323	804	471	1,340	1,255	4,571	1,232	4,942	988	3,542
Garden tractors (two wheel only, including rotary tillage types)	649	195	2,203	667	4,374	1,019	9,526	1,987	6,493	1,675	3,854	811	4,205	1,040
Water systems and pumps, total	-	2,945	-	3,910	-	5,167	-	5,801	-	5,387	-	5,375	-	5,938
Hand well pumps (wood or metal)	29,941	498	24,397	511	25,159	573	12,647	208	14,559	259	11,839	197	11,806	180
Domestic water systems:														
Deep well (except jets)	1,515	160	1,891	236	3,042	439	2,911	477	4,002	580	2,419	431	2,667	481
Shallow well (except jets)	13,056	1,091	21,238	1,892	29,647	2,768	40,995	3,599	33,260	3,026	34,821	2,998	30,467	2,849
Jet type	3,568	357	3,571	432	2,359	292	2,614	371	3,166	453	3,266	499	4,277	666
Dairy machinery and equipment, total	-	4,348	-	5,977	-	4,970	-	4,287	-	4,005	-	4,034	-	3,398
Milking machines (complete equipment less milker pail units)	8,738	921	14,450	1,580	11,580	1,249	8,112	831	6,619 ²	1,385 ²	4,636 ²	994 ²	5,160 ²	1,133 ²
Milker pail units	17,242	1,183	22,735	1,607	18,850	1,283	12,834	939	3,462 ³	248 ³	1,779 ³	173 ³	1,204 ³	82 ³
Cream separators:														
300 lbs. and under	3,324	88	6,552	192	5,296	162	5,147	168	2,835	99	1,817	59	1,479	51
Over 300 lbs.	22,650	1,668	27,039	2,034	18,170	1,467	18,450	1,738	15,603	1,628	10,915	1,231	13,135	1,487
Farm milk coolers:														
Electrical refrigeration type	1,595	368	1,535	389	2,360	610	1,426	436	1,443	486	2,250	756	1,692	555
Surface type	8,992	97	11,710	109	11,715	105	7,977	112	4,267	76	527	22	1	1
Butter churns (farm use)											2,764	50	2,693	62
Poultry farm equipment, total	-	456	-	748	-	722	-	475	-	467	-	318	-	532
Incubators:														
150 egg and under	1,256	112	882	307	413	137	235	84	93	62	68	4	95	6
151 egg to 2,000 egg capacity														
Over 2,000 egg capacity														
Brooders:														
Coal or wood	9,347	113	8,218	104	8,857	133	1,981	35	2,779	46	706	12	866	20
Oil	397	4	5,903	82	9,154	147	4,757	78	3,579	90	3,432	70	4,094	119
Electric	2,989	76	3,191	80	3,792	93	2,260	58	1,550	56	1,989	47	2,545	82
Battery or multiple type					72	7	515	25	221	13	200	11	194	11
Miscellaneous equipment, total	-	2,136	-	2,950	-	2,972	-	2,809	-	3,055	-	3,980	-	3,960
Electric fence controllers	29,746	275	24,634	229	16,499	143	12,672	108	13,728	137	7,450	73	13,161	132
Farm freezers (electric)	1	1	1	1	1	1	1	1	1	1	1,358	426	1,356	453
Post-hole diggers	1	1	1	1	1	1	1	1	3,460	187	3,069	146	3,648	140

1. Not available.

2. Complete equipment including milker pail units.

3. Milker pail units (sold separately).

DOMINION BUREAU OF STATISTICS—DEPARTMENT OF TRADE AND COMMERCE
CANADA

FARM IMPLEMENT AND EQUIPMENT SALES
1952



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services.

Volume III consists of the following parts with individual trade reports listed under each:

Part I — Wholesale Statistics

- A — Wholesale Trade, 25¢
- *B — Operating Results of Food Wholesalers, 25¢
- *C — Operating Results of Dry goods, Piece Goods, and Footwear Wholesalers, 25¢
- *D — Operating Results of Miscellaneous Wholesalers, (Automotive parts and accessories, drugs, hardware, plumbing and heating equipment), 25¢

Part II — Retail Statistics

- E — General Review, 25¢
- F — Retail Trade, 50¢
- G — Retail Chain Stores, 50¢
- *H — Operating Results of Chain Food Stores, 25¢
- *I — Operating Results of Chain Clothing Stores, 25¢
- *J — Operating Results of Miscellaneous Chain Stores (variety, drug, furniture), 25¢
- K — Operating Results of Retail Food Stores, 25¢
- L — Operating Results of Retail Clothing Stores, 25¢
- M — Operating Results of Retail Hardware, Furniture, Appliance and Radio Stores, 25¢
- N — Operating Results of Filling Stations and Garages, 25¢
- O — Operating Results of Miscellaneous Retail Stores, 25¢
- P — Retail Consumer Credit, 25¢

Part III — Service and Special Fields

- Q — Laundries, Cleaners and Dyers, 25¢
- R — Motion Picture Theatres, Exhibitors, and Distributors, 25¢
- S — Hotels, 25¢
- T — Sales Financing, 25¢
- U — Farm Implement and Equipment Sales, 25¢
- V — New Motor Vehicle Sales and Motor Vehicle Financing, 25¢
- W — Advertising Agencies (Memorandum), 25¢
- X — Motion Picture Production (Memorandum), 10¢

The reports are punched to permit of filing in a ring binder.

* Biennial reports — not issued for 1952.

FARM IMPLEMENT AND EQUIPMENT SALES

1952

Sales of new farm implements and equipment continued to advance in 1952 when the volume of sales, at wholesale prices, amounted to \$250,277,241, 6% above the 1951 level of \$235,620,345. Supplementary information, supplied by reporting firms, indicated that an average mark-up of 22.6% would produce a fairly accurate estimate of expenditures by Canadian farmers on new implements and equipment. Retail sales estimated on this basis amounted to approximately \$307,000,000 in 1952.

Wide variations in sales trends were reported in different sections of the country. Saskatchewan, the only province that reported decreased sales in 1951, recorded sales 24% higher

in 1952. British Columbia, on the other hand, had registered a 23% increase in 1951 but reported a fractional decrease in sales for 1952. Alberta sales were up 11%, while sales in Manitoba were slightly lower than in 1951. Sales for the Prairie Provinces were 64.3% of the Canada total in 1952, a sizeable increase over the proportion of 59.9% reported for 1951. In the eastern sections of the country both Ontario and Quebec reported declines in sales, while both Newfoundland and the Maritimes reported substantial gains.

The following table shows the regional distribution of farm implement and equipment sales for 1946 to 1952.

TABLE 1. Farm Implement and Equipment Sales, by Provinces, 1946-1952

(Values at wholesale prices)

Province	1946	1947	1948	1949	1950	1951	1952
	\$	\$	\$	\$	\$	\$	\$
Canada	81,698,185	122,394,742	170,666,070	217,089,685	218,187,120	235,620,345	250,277,241
Newfoundland	1	1	1	5,399,111	95,468	119,945	254,276
Maritime Provinces	3,768,645	4,286,830	5,461,031		5,850,741	6,769,116	8,864,275
Quebec	8,867,989	11,361,856	14,906,555	16,657,442	19,137,999	23,816,008	23,745,129
Ontario	20,268,580	28,036,903	38,453,369	47,775,991	51,922,436	58,736,885	51,448,643
Manitoba	9,987,683	15,583,121	23,369,284	37,474,620	29,308,664	31,698,984	31,578,047
Saskatchewan	20,308,054	33,382,699	46,505,877	59,629,464	62,629,271	61,147,757	75,859,527
Alberta	15,698,660	25,953,168	36,748,138	44,459,129	45,117,409	48,267,092	53,505,361
British Columbia	2,798,574	3,790,165	5,221,816	5,693,928	4,125,132	5,064,558	5,021,983

1. Data not collected.

The volume of sales by major groups of commodities is shown in Table 2. Sales of tractors and engines, the largest group by volume, declined for the third consecutive year. Tilling, cultivating and weeding machinery sales were 19% lower than in 1951 while decreased sales were also reported

in several other less important groups. On the other hand, sales of harvesting machinery, the second largest group by volume, registered increased sales of 27%. Two other important groups showing substantial gains were ploughs and haying machinery with increases of 18% and 16% respectively.

TABLE 2. Farm Implement and Equipment Sales, by Major Groups, 1951-1952

(Values at wholesale prices)

Major group	Canada			Prairie Provinces			
	1951	1952	Per cent change 1952/1951	1951	1952	Per cent change 1952/1951	Percentage of Canada total, 1952
	\$	\$	%	\$	\$	%	%
All types, total	235,620,345	250,277,241	+ 6.2	141,113,833	160,942,935	+14.0	64.3
Planting, seeding, and fertilizing machinery	9,516,447	9,150,510	- 3.8	4,428,452	4,448,216	+ 0.4	48.6
Ploughs	15,454,118	18,234,921	+ 18.0	10,778,226	13,989,013	+29.8	76.7
Tilling, cultivating and weeding machinery	12,507,988	10,137,619	- 19.0	8,130,469	5,903,720	- 27.4	58.2
Haying machinery	14,844,424	17,230,060	+ 16.1	5,463,840	5,965,558	+ 9.2	34.6
Harvesting machinery	58,641,340	74,336,442	+ 26.8	50,478,809	65,041,763	+28.8	87.5
Machines for preparing crops for market or use	11,381,657	11,324,459	- 0.5	5,671,628	6,760,491	+19.2	59.7
Tractors and engines	92,661,775	89,991,854	- 2.9	49,811,432	52,897,416	+ 6.2	58.8
Spraying and dusting equipment	1,986,205	1,688,363	- 15.0	1,169,136	850,370	- 27.3	50.4
Farm wagons, trucks, and sleighs	2,483,968	2,690,525	+ 8.3	1,078,922	1,221,104	+13.2	45.4
Water systems and pumps	5,938,424	6,202,934	+ 4.5	1,390,435	1,379,605	- 0.8	22.2
Dairy machinery and equipment	3,397,615	3,010,878	- 11.4	761,554	717,762	- 5.8	23.8
Barn equipment	2,313,542	3,115,541	+ 34.7	474,264	675,499	+42.4	21.7
Poultry farm equipment	532,344	454,845	- 14.6	122,893	186,428	+51.7	41.0
Miscellaneous farm equipment	3,960,498	2,708,290	- 31.6	1,353,773	905,990	- 33.1	33.5

NOTES

... Sales reported in this series include only original sales of machinery in Canada. Manufacturers report only sales of goods of their own manufacture or of goods which they imported. Distributors report only sales of goods imported directly by them. Figures include sales made to Canadian customers only; export sales have been excluded.

... Value figures represent wholesale values.

... Used machinery, binder twine, and motor trucks are not included.

... Sales of attachments have been included with the machines for which they were sold.

Sales of Repair Parts

Sales of repair parts for farm implements and equipment amounted to \$31,231,946 in 1952, representing an increase of 8% over the 1951 sales of \$28,772,869. By applying an average mark-up of 34.5%, it is estimated that Canadian farmers spent approximately \$42,000,000 on repair parts for farm implements and equipment during 1952.

While the trend in sales of repair parts varied considerably in different regions of Canada, all provinces reported sales equal to or higher than in 1951. Saskatchewan, with the largest

volume of sales, registered an increase of 19%, Alberta reported a gain of 8% and British Columbia had sales 31% higher than last year. Manitoba, with sales fractionally higher, reported the smallest increase of any of the Western provinces. In the Eastern regions, Ontario reported no change from 1951, while Quebec sales were only fractionally higher. The Maritime Provinces registered increased sales of 20% and in Newfoundland sales of repair parts were 95% higher than a year ago. The following table shows provincial sales for the years 1946 to 1952.

TABLE 3. Sales of Repair Parts, by Provinces, 1946-1952

(Values at wholesale prices)

Province	1946	1947	1948	1949	1950	1951	1952
	\$	\$	\$	\$	\$	\$	\$
Canada	20,827,005	23,276,162	26,996,844	28,104,505	29,862,034	28,772,869	31,231,946
Newfoundland	1	1	1	711,997	17,272	20,524	41,002
Maritime Provinces	505,027	567,912	659,822		1,084,897	780,653	940,324
Quebec	1,362,486	1,502,688	1,825,560	1,837,644	2,746,377	2,424,565	2,446,112
Ontario	3,481,052	4,299,526	4,995,751	5,182,703	6,038,045	6,166,312	6,165,581
Manitoba	2,999,607	3,456,574	3,908,708	4,143,931	3,801,813	3,802,524	3,809,424
Saskatchewan	7,348,265	7,407,977	8,362,667	8,939,587	8,035,003	8,230,364	9,762,610
Alberta	4,821,057	5,615,266	6,754,060	6,724,015	7,186,798	6,820,867	7,378,116
British Columbia	309,511	426,219	490,276	564,628	951,829	527,060	688,777

1. Data not collected.

Sales of Farm Implements and Equipment Compared with Farm Cash Income, 1937-1952

Farm cash income decreased 1.2% from the 1951 volume while sales of farm implements and equipment were 6% higher

than in the previous year. The following chart presents a comparison of farm cash income and sales of farm implements and equipment.

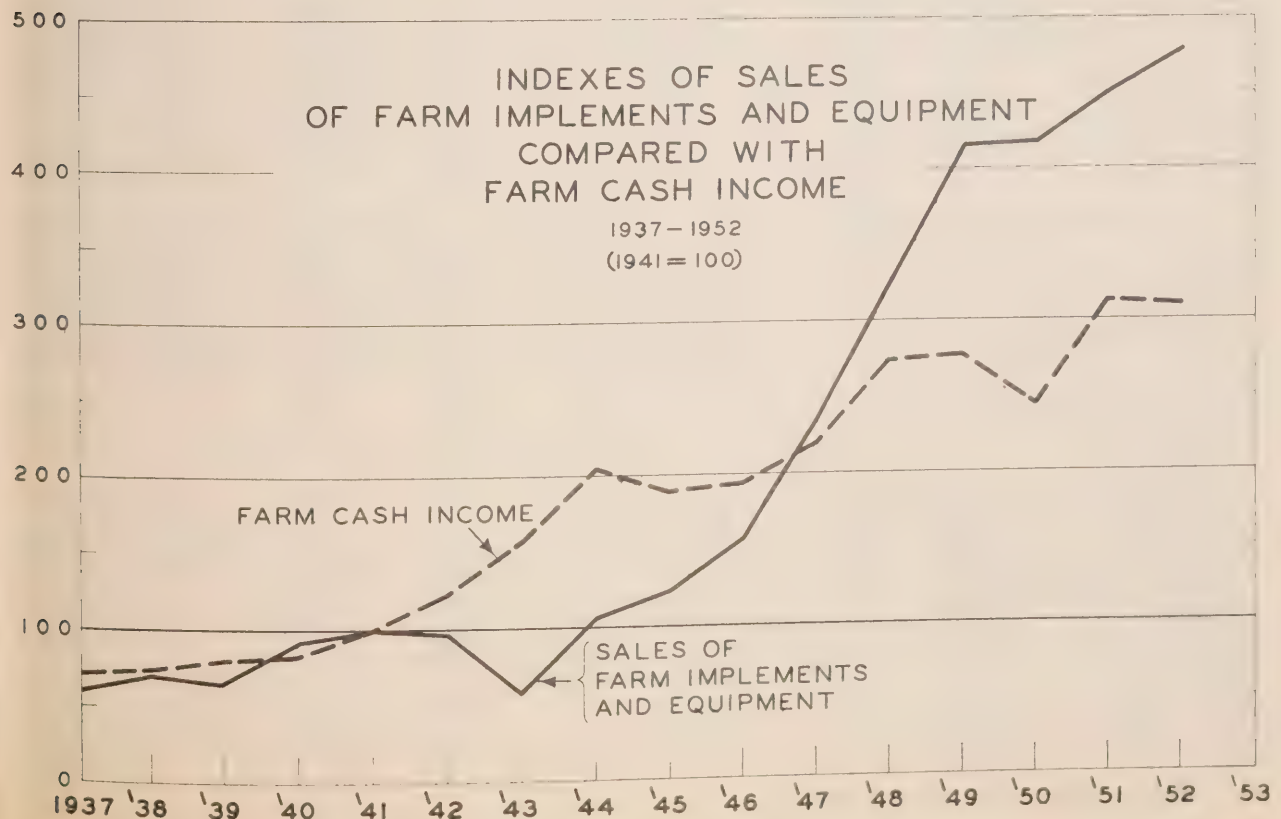


TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1952

(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
All types, total	—	250,277,241	—	160,942,935
Planting, seeding, and fertilizing machinery, total	—	9,150,510	—	4,448,216
Corn planters:				
Horse or tractor drawn	603	147,387	14	5,300
Tractor mounted	224	42,354	1	1
Potato planters	165	55,123	14	3,365
Vegetable seeders (tractor mounted)	20	2,126	1	1
Transplanters	376	94,918	1	1
Beet and bean drills:				
Horse or tractor drawn	1	1	1	1
Tractor mounted	—	—	—	—
Grain and fertilizer drills (combination)	4,015	1,459,606	6	2,067
Grain drills:				
Plain	5,214	2,978,974	4,766	2,758,376
Press	2,426	1,392,465	2,399	1,381,145
Broadcast seeders, horse or tractor drawn	451	19,403	—	—
Fertilizer and lime sowers:				
Horse or tractor drawn	1,335	245,090	21	4,463
Manure spreaders, horse or tractor drawn:				
Four wheel	3,122	926,406	277	104,843
Two wheel	5,096	1,678,119	490	164,243
All other planting, seeding, and fertilizing machinery	—	108,539	—	24,414
Ploughs, total	47,371	18,234,921	24,725	13,989,013
Mouldboard ploughs, horse drawn:				
Walking ploughs:				
One furrow	744	18,75	1	1
Two furrow	1	1	—	—
Sulky ploughs, one furrow	1	1	—	—
Mouldboard ploughs, tractor drawn:				
Two furrow	4,925	1,006,125	687	147,858
Three furrow	6,459	1,799,023	3,563	1,035,689
Four furrow or larger	2,022	836,893	1,980	806,892
Mouldboard ploughs, tractor mounted:				
One furrow	2,003	185,535	74	6,660
Two furrow	9,636	1,592,921	628	106,713
Three furrow	1,018	225,065	377	85,645
Disc ploughs:				
Horse drawn	1	1	—	—
Tractor drawn	577	195,978	251	139,427
One-way discs (without seed boxes)	6,235	3,029,949	5,288	2,744,566
One-way discs (with seed boxes)	2,127	1,399,972	2,102	1,386,828
Disks (only)	1,643	1,031,311	1,639	1,030,028
Disks (with seed boxes)	7,251	6,147,954	7,250	6,147,311
Breaker ploughs	544	168,632	388	142,654
Rotary tillers or ploughs:				
Garden (under 10 H.P. approx.)	793	219,058	54	11,413
Field (10 H.P. and over, P.T.O. or engine)	98	46,741	1	1
All other ploughs	1,296	330,989	444	197,349
Tilling, cultivating, and weeding machinery, total	—	10,177,619	—	5,903,720
Harrows:				
Drag harrows (sections)	53,570	819,036	40,125	648,300
Spring tooth harrows (sections)	9,837	464,764	1,116	53,783
Disc harrows:				
Horse drawn	240	21,756	1	1
Tractor drawn—Single	828	178,418	368	119,422
Tandem	12,425	2,679,491	3,320	924,458
Land rollers	894	76,710	—	—
Soil pulverizers	241	30,815	1	1
Soil packers (including trailer packers)	6,850	543,306	6,011	437,692
Scufflers and cultivators:				
Scufflers	2,322	62,201	297	6,281
Corn cultivators:				
Two horse	1	1	—	—
Tractor mounted	2,615	446,654	49	13,583
Field cultivators:				
Horse drawn	1	1	—	—
Tractor drawn	13,690	3,670,266	10,190	3,056,299
Tractor mounted	1,274	211,121	565	110,675
Beet, bean, and vegetable cultivators:				
Horse or tractor drawn	357	66,826	1	1
Tractor mounted	732	104,366	84	8,058
Hillers (all types)	128	3,340	1	1
Rod weedeers	1,367	241,638	1,361	240,817
Wire weedeers	1	1	1	1
Blade weedeers:				
Field	413	183,782	413	183,782
Garden	1,971	10,364	1	1
Finger and tine weedeers	512	74,492	1	1
All other cultivating and tillage machinery	—	248,273	—	100,570

1. Included in the "All Other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1952 - Continued
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value \$	Number of units	Value \$
Haying machinery, total	—	17,230,060	—	5,965,558
Mowers:				
Horse drawn.....	2,274	360,277	710	114,874
Tractor drawn.....	9,204	2,204,549	3,418	806,456
Tractor mounted.....	6,459	1,333,254	1,513	347,069
Hay loaders.....	6,013	1,329,604	237	63,076
Dump rakes.....	5,572	503,398	1,567	154,213
Side delivery rakes:				
Horse or tractor drawn.....	8,761	2,124,569	1,467	365,885
Power take-off.....	905	316,376	271	97,291
Hay tedders (only).....	1	1	1	1
Hay crushers and crasher mowers.....	—	—	—	—
Hay or stook sweeps, tractor.....	522	136,827	346	115,030
Trac'or loaders (with haysweep, stacker, or manure bucket).....	5,158	2,079,767	1,974	1,057,192
Pick-up hay balers:				
Power take-off—wire.....	74	132,394	658	755,708
twine.....	1,364	1,466,425		
Engine driven—wire.....	382	890,557	144	328,721
twine.....	2,095	4,107,634	874	1,718,800
Bale loaders.....	115	48,987	50	25,488
Bale conveyors.....	289	91,213	1	1
All other haying machinery.....	—	104,229	—	15,755
Harvesting machinery, total	—	74,336,442	—	65,041,763
Combine reaper threshers:				
Six feet and under:				
Power take-off.....	1,570	1,912,392	673	805,371
Engine driven.....	4,733	7,731,291	3,783	6,173,748
Over six feet:				
Power take-off.....	552	917,136	2,735	6,486,435
Engine driven.....	2,202	5,604,608		
Self-propelled.....	10,585	45,631,103	10,086	43,617,023
Swathers or windrowers:				
Tractor drawn.....	10,160	6,432,736	9,829	6,241,394
Self-propelled.....				
Grain binders:				
Ground drive.....	3,151	1,503,346	771	385,477
Power take-off.....	1,068	657,476	1,008	619,536
Corn binders:				
Ground drive.....	1	1	—	—
Power take-off.....	1	1	—	—
Corn pickers:				
Pull type.....	250	244,409	1	1
Tractor mounted.....	122	133,879	1	1
Forage crop harvesters (including corn).....	2,039	2,258,352	362	332,623
Forage crop blowers.....	1,070	477,892	145	60,045
Forage crop elevators.....	396	130,795		
Potato diggers:				
Traction.....	253	49,024	51	12,596
Power take-off.....	185	70,400		
Potato harvesters (pickers and combines).....	124	32,999	1	1
Vine lifters and shredders.....	1	1	—	—
Beet lifters, horse or tractor drawn.....	170	19,146	1	1
Beet toppers (only).....	1	1	—	—
Beet harvesters.....	52	129,548	1	1
Beet loaders.....	1	1	—	—
Vegetable harvesters (Other than for beets and potatoes).....	116	91,045	1	1
Fruit and bulb harvesting devices.....	—	—	—	—
All other harvesting machinery.....	—	308,855	—	307,505
Machines for preparing crops for market or for use, total	—	11,324,459	—	6,760,491
Threshers:				
With feeder and blower.....	2,410	4,102,384	669	1,292,189
All other.....	1	1	—	—
Ensilage cutters.....	687	336,181	164	86,147
Feed or roughage cutters, hand and power.....	225	88,121	1	1
Corn shellers:				
Hand.....	60	750	—	—
Power.....	30	8,781	—	—
Grain grinders:				
6" or less.....	287	35,559	95	12,580
Over 6".....	4,621	315,787	3,729	234,055
Rollers or crushers (grain).....	448	53,800	79	14,620
Pulpers.....	107	4,051	—	—
Cleaners for grain:				
Hand (fanning mills).....	677	66,721	676	66,694
Power.....	2,614	371,957	2,332	333,247
Hammermills.....	5,106	1,030,463	1,574	359,579

1. Included in the "All Other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1952 — Continued
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value \$	Number of units	Value \$
Machines for preparing crops for market or for use — Concluded:				
Feed mixers	2,340	119,928	1,922	62,253
Sorters and graders:				
Potatoes (mainly).....	75	14,675	—	—
Fruit (mainly).....	45	16,942	—	—
Vegetables (mainly).....	1	1	—	—
Bulb and flower seed (mainly)	—	—	—	—
Maple syrup evaporators	685	165,422	—	—
Maple syrup furnaces.....	417	54,779	—	—
Dryer heating units (for grain, tobacco, hay, etc.)	98	57,011	98	57,011
Grain elevators:				
Bucket type.....	5,885	230,998	5,388	131,155
Auger type.....	17,153	3,969,998	17,057	3,959,619
Seed treaters.....	1,113	40,280	1,106	39,864
All other machines for preparing crops for market or use	—	239,871	—	111,478
Tractors and engines, total	—	89,991,854	—	52,897,416
Wheel tractors:				
Standard:				
1 plough (approx. drawbar H.P. 7-9)	1,086	938,284	130	121,131
2 plough (approx. drawbar H.P. 12-14)	7,448	9,572,635	347	473,264
2-3 plough (approx. drawbar H.P. 15-18)	6,115	8,918,963	1,687	2,573,427
3 plough (approx. drawbar H.P. 18-22)	6,854	12,857,198	3,970	7,569,476
3-4 plough (approx. drawbar H.P. 22-27)	8,706	20,173,218	7,822	18,055,740
Larger	5,903	17,873,661	5,474	16,701,548
General purpose (row crop):				
1 plough (approx. drawbar H.P. 7-9)	1,195	1,584,251	122	192,967
2 plough (approx. drawbar H.P. 12-14)	3,048	4,513,639	269	382,237
2-3 plough (approx. drawbar H.P. 15-18)	1,779	3,183,007	261	568,589
3 plough (approx. drawbar H.P. 18-22)	1,070	2,503,808	1,091	2,678,456
3-4 plough (approx. drawbar H.P. 22-27)	799	1,959,132	582	2,356,595
Larger	1,218	3,795,307	—	—
Track type tractors (farm use).....	—	—	—	—
Garden tractors (report rotary tillage types in Sec. D.):				
One and two wheel	4,095	837,993	1,061	201,252
Four wheel	22	13,267	—	—
Gas engines — Less than 5 H.P.	9,432	742,573	6,040	573,280
5 H.P. and over.....	3,359	518,859	3,099	449,454
Power units (approx. 10 H.P. and over).....	8	6,059	—	—
Spraying and dusting equipment (orchard or garden), total	—	1,688,363	—	850,370
Sprayers:				
Hand, pack, sack, barrel, and wheelbarrow	54,973	155,646	8,855	21,088
Weed (low volume, low pressure).....	2,210	426,629	1,458	366,659
Orchard:				
High pressure — Under 15 gal.	161	83,613	26	15,428
15 gal. and over	563	339,745	1	1
Concentrate sprayers.....	77	102,927	1	1
Concentrate attachments.....	64	56,631	1	1
Other	2,736	356,860	1,967	316,354
Dusters:				
Hand.....	1,126	10,643	—	—
Weed.....	1	1	585	130,841
Orchard	—	—	—	—
Other	544	155,669	—	—
Farm wagons, trucks and sleighs, total	—	2,690,525	—	1,221,104
Wagon boxes.....	1,529	111,659	969	82,718
Wagon gears (wood and steel wheel).....	442	54,852	259	26,090
Rubber tired gears or trailers.....	12,760	2,122,175	4,675	807,884
All other farm wagons, sleighs, and trucks	—	401,839	—	304,412
Water systems and pumps, total	—	6,202,934	—	1,379,605
Hand well pumps (wood or metal)	7,504	140,545	2,114	43,627
Domestic water systems:				
Deep well (except jets).....	2,231	468,095	467	101,162
Shallow well (except jets)	28,955	3,307,086	4,944	494,412
Jet type	4,133	575,259	1,488	187,058
Windmills:				
Hoods and wheels	114	10,521	39	3,810
Towers	15	2,195	5	696

1. Included in the "All Other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1952 — Concluded
(Values at wholesale prices)

Types	Canada		Prairie Provinces	
	Number of units	Value \$	Number of units	Value \$
Water systems and pumps — Concluded:				
Pump jacks	6,424	201,392	5,301	153,223
Pumps for farm irrigation.....	664	121,456	493	53,589
Sprinkler irrigation systems, including pumps.....	256	328,090	70	71,855
All other water systems and pumps.....	—	1,048,295	—	270,173
Dairy machinery and equipment, total	—	3,010,878	—	717,762
Milking machines:				
Vacuum pumps (excluding pail units)	3,875	497,286	804	93,389
Milker pail units.....	8,062	588,448	1,256	100,929
Milk pipeline (feet).....	1	1	—	—
Cream separators:				
300 lb. and under	1,638	65,613	941	43,193
Over 300 lb.	10,305	1,162,895	4,740	437,236
Farm milk coolers:				
Electrical refrigeration type.....	1,153	418,518	62	22,861
Surface type.....	1	1	1	1
Butter churns (farm use)	2,739	65,078	646	3,802
Water heaters for dairy purposes (oil, gas, or electric, including pails)	1	1	1	1
All other dairy machinery and equipment	—	213,040	—	16,352
Barn equipment, total.....	—	3,115,541	—	675,499
Feed carriers.....				
Litter carriers.....	101	7,015	1	1
Track for feed and litter carriers (feet).....	4,336	254,349	1	1
Hay forks and slings	599,007	175,752	89,882	24,845
Hay fork carriers or cars	6,662	47,937	910	7,520
Track for hay carriers (feet)	4,163	121,041	640	15,208
Stable stalls and livestock pens (without stanchion units)	192,755	60,486	33,165	9,686
Cattle stanchions.....	46,244	575,646	1	1
Milking room stalls.....	63,538	266,342	9,995	38,882
Stock watering cups and bowls.....	155	19,465	1	1
Stock tank heaters — wood or coal	90,281	497,688	14,504	78,036
Stock tank heaters — electric	1,858	22,442	1,918	24,308
Watering troughs for livestock (except poultry)	69	2,044	5,809	174,185
Ventilation fans (barn, poultry, etc.).....	6,243	184,677	1	1
Miscellaneous barn equipment	1	880,657	—	302,829
Poultry farm equipment, total	—	454,845	—	186,428
Incubators				
Brooders:	118	10,503	1	1
Coal or wood	849	22,192	1,611	38,334
Oil	2,612	66,882	1,275	29,343
Electric	2,127	56,626	48	3,446
Battery or multiple type.....	156	8,760	—	—
Egg handling equipment.....	1,240	64,168	87,102	80,711
Feeders and waterers for poultry	169,491	180,911	1	1
Poultry pluckers	1	44,803	—	34,594
Miscellaneous poultry farm equipment.....	—	—	—	—
Miscellaneous farm equipment, total	—	2,708,290	—	905,990
Beekeepers' supplies.....				
Animal clippers and shears, power	—	246,109	—	83,682
Sheep shears, power.....	5,529	115,203	1	1
Electric fence controllers.....	1	1	1	1
Wagon unloaders	13,014	118,302	984	8,548
Wood sawing machines.....	603	47,559	1	1
Electric lighting plants:	2,081	333,401	497	25,132
32 volt	157	39,173	124	31,039
110 volt	439	258,588	221	119,520
Farm freezers (electric).....	1,616	501,189	321	113,066
Post hole diggers	4,079	171,166	2,716	116,311
Miscellaneous equipment	—	877,600	—	408,692

1. Included in "All Other" category of its group.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1946-1952

Type of implement	1946		1947		1948		1949		1950		1951		1952	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Planting, seeding, and fertilizing machinery, total	—	3,646	—	5,083	—	7,023	—	8,138	—	8,806	—	9,516	—	9,111
Corn planters	576	70	617	88	842	134	831	171	853	168	1,072	244	827	101
Grain and fertilizer drills (combination)	2,686	542	3,596	718	2,620	598	4,030	1,042	4,407	1,473	5,119	2,111	4,015	1,461
Grain drills:														
Plain	5,737	1,385	5,743	1,950	7,188	2,761	6,009	2,619	5,886	2,941	6,284	2,624	5,214	2,971
Press	386	115	865	342	1,441	658	2,295	1,173	2,437	1,142	2,103	1,037	2,426	1,331
Fertilizer and lime sowers	511	61	1,160	131	2,750	342	2,494	349	1,453	169	1,929	246	1,335	281
Manure spreaders:														
Four wheel	4,368	789	5,320	1,040	5,903	1,329	5,715	1,349	5,863	1,466	4,790	1,335	3,122	921
Two wheel	1,275	187	2,439	548	3,307	740	4,189	1,104	3,819	1,073	4,757	1,393	5,096	1,671
Ploughs, total	—	5,537	—	8,210	—	11,961	—	17,938	—	15,228	—	15,454	—	18,231
Mouldboard ploughs, tractor drawn:														
Two furrow	4,499	534	5,855	770	7,413	1,071	15,364	2,396	7,687	1,253	6,061	1,147	4,925	1,001
Three furrow	2,798	653	4,301	713	5,795	1,133	9,901	2,278	8,992	2,150	7,937	2,072	6,459	1,791
Four furrow or larger	657	143	1,393	320	2,346	689	3,477	1,202	2,527	899	2,202	2,335	2,022	931
Mouldboard ploughs, tractor mounted	6,699	610	7,707	786	12,605	1,333	10,089	991	15,326	1,792	14,974	2,208	12,657	2,001
One-way discs without seed boxes	3,001	3,063	8,475	2,306	10,012	3,907	15,995	6,316	10,369	4,609	6,743	2,943	6,235	3,031
One-way discs with seed boxes			4,786	2,155	6,625	3,006	6,324	3,301	4,041	2,642	1,655	958	2,127	1,401
Diskers	1	1	1	1	1	1	1	1	1	1	6,084	3,883	8,894	7,171
Planting, cultivating, and weeding machinery, total	—	4,648	—	6,306	—	9,337	—	12,241	—	13,202	—	12,508	—	10,131
Drag harrows (sections)	55,578	363	61,361	410	71,665	590	78,314	953	63,167	654	55,899	654	53,570	811
Spring tooth harrows (sections)	6,678	234	12,697	331	13,719	547	11,633	416	10,342	414	11,868	537	9,337	461
Disc harrows tractor drawn	10,001	1,298	4,945	840	15,792	2,392	22,440	4,424	17,580	4,727	17,870	4,767	13,253	2,851
Soil packers	1	1	1	1	1	1	1	1	5,322	343	4,678	402	6,850	541
Cultivators:														
Corn cultivators, tractor mounted	2,439	272	3,129	349	5,183	607	3,509	396	2,577	346	2,646	423	2,615	441
Field cultivators, tractor drawn	5,437	919	8,413	1,642	11,201	2,422	16,542	3,906	20,644	5,076	16,019	3,858	13,690	3,671
Beet, bean, and vegetable cultivators:														
Horse or tractor drawn	1,304	80	2,323	75	2,725	119	237	31	232	43	568	106	337	61
Tractor mounted	103	12	294	17	783	57	744	61	1,029	139	354	32	732	101
Row weeders	773	96	2,194	289	2,835	399	2,431	416	1,782	356	1,655	260	1,367	240
Blade weeders	646	73	3,693	163	1,295	180	343	52	314	143	2,587	389	2,384	191
Wire weeders							668	95	204	29	1	1	1	1
Mowing machinery, total	—	3,733	—	5,688	—	9,351	—	10,569	—	10,610	—	14,844	—	17,231
Mowers:														
Horse drawn	11,472	1,302	10,791	1,246	10,497	1,358	8,464	1,211	5,366	736	4,974	602	2,274	361
Tractor drawn	363	62	978	170	2,594	531	3,150	709	5,207	1,118	7,036	1,601	9,204	2,201
Tractor mounted	2,592	391	3,072	442	7,999	1,103	8,616	1,382	4,256	733	4,601	896	6,459	1,331
Hay loaders	4,167	675	3,050	607	5,543	1,112	7,158	1,348	6,180	1,226	7,943	1,427	6,013	1,511
Dump rakes	8,343	505	8,881	532	7,336	493	7,686	562	6,449	483	5,613	454	5,572	591
Side delivery rakes:														
Horse or tractor drawn	1,230	195	3,063	499	4,473	833	5,509	1,108	6,698	1,427	9,224	1,956	8,761	2,311
Power take-off							680	220	509	171	1,222	369	905	311
Tractor loaders (with hay sweep, stacker, or manure bucket)	771	197	2,009	738	2,855	1,183	2,396	1,218	1,924	991	4,119	2,039	5,156	2,091
Pick-up hay balers:														
Power take-off:														
Air	154	253	733	1,199	1,709	2,505	1,914	2,568	2,509	3,538	3,110	5,235	74	131
Twine													1,364	1,461
Engine driven:													392	891
Wire													2,095	4,171
Twine														
Harvesting machinery, total	—	15,211	—	23,179	—	36,047	—	39,088	—	44,243	—	58,641	—	74,331
Combine reaper threshers:														
Six feet and under:														
Power take-off	926	604	1,207	999	1,442	1,341	938	1,000	1,236	1,372	1,950	1,916	1,570	1,911
Engine driven	1,279	1,212	1,718	1,787	2,360	2,848	2,711	3,761	2,351	4,174	3,390	5,444	4,733	7,771
Over six feet:														
Power take-off	1,971	2,350	2,792	4,439	2,498	4,901	2,590	5,332	512	792	1	1	552	911
Engine driven									2,218	5,276	2,192	5,823	2,202	5,541
Self-propelled									6,170	22,961	7,955	33,011	10,565	45,661
Swathers or windrowers	2,749	1,214	5,195	2,099	7,698	3,912	7,926	4,164	7,714	4,310	8,866	5,125	10,160	8,441
Grain binders:														
Ground drive	7,938	2,527	6,445	2,135	6,264	2,111	4,367	1,701	3,483	1,349	3,314	1,348	3,151	1,861
Power take-off	992	414	1,703	738	2,132	1,006	2,852	1,510	3,309	1,841	2,993	1,735	1,668	1,668
Forage crop harvesters, including corn	119	71	179	204	351	339	504	593	847	907	1,408	1,573	2,079	2,281

1. Not available.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1946-1952 — Concluded

Type of implement	1946		1947		1948		1949		1950		1951		1952	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Machines for preparing crops for market or use, total	—	3, 782	—	5, 126	—	5, 904	—	7, 822	—	8, 487	—	11, 382	—	11, 324
Threshers:														
With feeder and blower	1, 141	1, 239	1, 611	1, 973	1, 798	2, 408	2, 349	3, 685	2, 245	3, 480	2, 687	4, 539	2, 410	4, 102
Ensilage cutters	346	147	917	349	836	307	1, 088	490	1, 441	711	1, 083	522	687	336
Grain grinders:														
6" or less	1, 160	206	1, 055	175	854	118	580	92	645	99	720	115	287	36
Over 6"	6, 290	345	4, 729	272	3, 642	208	5, 312	330	3, 604	221	5, 071	321	4, 621	316
Cleaners for grain:														
Hand and power	2, 421	258	4, 025	350	3, 838	442	4, 284	545	2, 339	300	3, 491	442	3, 291	439
Hammermills	2, 300	315	2, 832	459	3, 843	569	3, 963	711	3, 957	815	4, 587	943	5, 106	1, 030
Feed mixers	732	78	557	60	1, 102	118	1, 863	90	1, 647	108	1, 456	146	2, 340	120
Tractors and engines, total	—	24, 983	—	42, 223	—	63, 065	—	102, 026	—	98, 001	—	92, 662	—	89, 992
Wheel tractors:														
Standard:														
1 plough (approx. min. drawbar H. P. — 8)	293	214	1, 445	901	4, 281	2, 987	2, 933	2, 501	2, 490	2, 409	1, 782	1, 588	1, 086	938
2 plough (approx. min. drawbar H. P. — 12)	2, 783	2, 267	3, 785	3, 830	4, 267	4, 890	7, 282	8, 852	5, 483	7, 307	4, 656	5, 996	7, 448	9, 573
2-3 plough (approx. min. drawbar H.P. — 16)	2, 788	3, 227	3, 697	4, 481	7, 354	10, 571	12, 855	19, 825	12, 943	21, 559	12, 900	16, 695	6, 115	8, 919
3-4 plough (approx. min. drawbar H.P. — 20)	2, 359	3, 411	4, 422	6, 601	5, 901	10, 141	11, 896	25, 496	12, 798	27, 811	19, 646	39, 791	15, 660	33, 030
Larger	1, 877	2, 953	3, 701	6, 599	4, 418	9, 067	3, 639	9, 841	1, 781	5, 547	2, 805	9, 088	5, 903	17, 874
General purpose (row crop):														
1 plough (approx. min. drawbar H. P. — 8)	1, 533	1, 055	1, 733	1, 084	3, 233	1, 985	4, 126	3, 419	3, 034	2, 885	904	1, 335	1, 195	1, 584
2 plough (approx. min. drawbar H. P. — 12)	7, 421	5, 964	9, 297	8, 458	9, 978	10, 376	13, 337	14, 635	3, 135	4, 063		5, 172	3, 048	4, 514
2-3 plough (approx. min. drawbar H.P. — 16)	1, 057	1, 148	2, 867	3, 275	3, 240	4, 117	3, 994	6, 398	9, 334	12, 196	3, 753	3, 106	6, 178	2, 849
3-4 plough (approx. min. drawbar H.P. — 20)	1, 628	1, 993	2, 489	3, 263	2, 452	3, 748	2, 143	3, 742	4, 837	7, 677	3, 106	6, 178	2, 849	5, 686
Larger											394	1, 086	799	1, 959
Track type tractors (farm use)	308	644	323	804	471	1, 340	1, 255	4, 571	1, 232	4, 942	988	3, 542	1, 218	3, 795
Garden tractors (one and two wheel including rotary tiller)	2, 203	667	4, 374	1, 019	9, 526	1, 987	6, 493	1, 675	3, 854	811	4, 205	1, 040	5, 888	1, 057
Water systems and pumps, total	—	3, 910	—	5, 167	—	5, 801	—	5, 387	—	5, 375	—	5, 938	—	6, 203
Hand well pumps (wood or metal)	24, 397	511	25, 159	573	12, 647	208	14, 559	259	11, 839	197	11, 806	180	7, 504	141
Domestic water systems:														
Deep well (except jets)	1, 891	236	3, 042	439	2, 911	477	4, 002	580	2, 419	431	2, 667	481	2, 231	468
Shallow well (except jets)	21, 238	1, 892	29, 647	2, 768	40, 995	3, 599	33, 260	3, 026	34, 821	2, 998	30, 467	2, 849	28, 955	3, 307
Jet type	3, 571	432	2, 359	292	2, 614	371	3, 166	453	3, 266	499	4, 277	666	4, 133	575
Dairy machinery and equipment, total	—	5, 977	—	4, 970	—	4, 287	—	4, 005	—	4, 034	—	3, 398	—	3, 011
Milking machines (complete equipment less milker pail units)	14, 450	1, 580	11, 580	1, 249	8, 112	831	6, 619²	1, 385²	4, 636²	994²	5, 160²	1, 133²	3, 875	497
Milker pail units	22, 735	1, 607	18, 850	1, 283	12, 834	939	3, 462 ³	248 ³	1, 779 ³	173 ³	1, 204 ³	82 ³	8, 062	588
Cream separators:														
300 lbs. and under	6, 552	192	5, 296	162	5, 147	168	2, 835	99	1, 817	59	1, 479	51	1, 638	66
Over 300 lbs.	27, 039	2, 034	18, 170	1, 467	18, 450	1, 738	15, 603	1, 628	10, 915	1, 231	13, 135	1, 487	10, 305	1, 163
Farm milk coolers:														
Electrical refrigeration type	1, 535	389	2, 360	610	1, 426	436	1, 443	486	2, 250	756	1, 692	555	1, 153	419
Surface type														
Butter churns (farm use)	11, 710	109	11, 715	105	7, 977	112	4, 267	76	2, 764	50	2, 693	62	2, 739	65
Poultry farm equipment, total	—	748	—	722	—	475	—	467	—	318	—	532	—	454
Brooders:														
Coal or wood	8, 218	104	8, 857	133	1, 981	35	2, 779	46	706	12	866	20	849	22
Oil	5, 903	82	9, 154	147	4, 757	78	3, 579	90	3, 432	70	4, 094	119	2, 612	67
Electric	3, 191	80	3, 792	93	2, 260	58	1, 550	56	1, 989	47	2, 545	82	2, 127	57
Battery or multiple type														
			72	7	515	25	221	13	200	11	194	11	156	8

1. Not available. 2. Complete equipment including milker pail units. 3. Milker pail units (sold separately).

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CANADA

FARM IMPLEMENT AND EQUIPMENT SALES

1953



Published by Authority of
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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services.

Volume III consists of the following parts with individual trade reports listed under each:

Part I — Wholesale Statistics

- A — Wholesale Trade (not issued 1953)
- B — Operating Results of Food Wholesalers, 25¢
- C — Operating Results of Dry Goods, Piece Goods and Footwear Wholesalers, 25¢
- D — 1 Operating Results of Automotive Parts and Accessories Wholesalers, 25¢
 - 2 Operating Results of Drug Wholesalers, 25¢
 - 3 Operating Results of Hardware Wholesalers, 25¢
 - 4 Operating Results of Plumbing and Heating Equipment Wholesalers, 25¢
 - 5 Operating Results of Household Appliance & Electrical Supply Wholesalers, 25¢

Part II — Retail Statistics

- E — General Review — (Discontinued)
- F — Retail Trade, 50¢
- G — Retail Chain Stores, 50¢
- H — Operating Results of Chain Food Stores, 25¢
- I — Operating Results of Chain Clothing Stores, 25¢
- J — 1 Operating Results of Chain Variety Stores, 25¢
 - 2 Operating Results of Chain Drug Stores, 25¢
 - 3 Operating Results of Chain Furniture Stores, 25¢
- * K — Operating Results of Independent Food Stores, 25¢
- * L — Operating Results of Independent Clothing Stores, 25¢
- * M — Operating Results of Independent Hardware, Furniture, Appliance and Radio Stores, 25¢
- * N — Operating Results of Filling Stations & Garages, 25¢
- * O — 1 Operating Results of Independent General Stores, 25¢
 - 2 Operating Results of Independent Restaurants, 25¢
 - 3 Operating Results of Independent Fuel Dealers, 25¢
 - 4 Operating Results of Independent Drug Stores, 25¢
 - 5 Operating Results of Independent Jewellery Stores, 25¢
 - 6 Operating Results of Independent Tobacco Stores, 25¢
- P — Retail Consumer Credit

Part III — Services and Special Fields

- Q — Laundries, Cleaners and Dyers, 25¢
- R — Motion Picture Theatres, Exhibitors and Distributors, 25¢
- S — Hotels, 25¢
- T — Sales Financing, 25¢
- U — Farm Implement and Equipment Sales, 25¢
- V — New Motor Vehicle Sales and Motor Vehicle Financing, 25¢
- W — Advertising Agencies (Memorandum), 10¢
- X — Motion Picture Production (Memorandum), 10¢

The reports are punched to permit of filing in a ring binder.

* Biennial reports — not issued for 1953.

NOTES

Sales reported in this series include only original sales of machinery in Canada. Manufacturers report only sales of goods of their own manufacture or of goods which they imported. Distributors report only sales of goods imported directly by them. Figures include sales made to Canadian customers only; export sales have been excluded.

Value figures represent wholesale values.

Used machinery, binder twine, and motor trucks are not included.

Sales of attachments have been included with the machines for which they were sold.

FARM IMPLEMENT AND EQUIPMENT SALES

1953

Sales of new farm implements and equipment in 1953 decreased from the previous year by approximately 5 p.c. The volume of sales at wholesale prices amounted to \$238,050,354, only slightly higher than the 1951 dollar level. Information submitted by reporting firms indicates an average mark-up of 22.8 p.c. to produce approximate retail sales of \$292,326,000. Substantial gains were evidenced in Newfoundland and Saskatchewan (+10.8 p.c. and +5.9 p.c. respectively), while sales in all other provinces were lower than in 1952. Sales of farm imple-

ments and equipment in the Prairie Provinces, at \$159,666,338 in 1953, were only fractionally lower than the 1952 sales of \$160,942,935. These three provinces accounted for 67.1 p.c. of total sales in Canada in 1953 compared with 64.3 p.c. in 1952 and 59.9 p.c. in 1951. Sales in Saskatchewan, the largest single province, were responsible for this continued expansion in the prairie proportion to total sales. The following table shows distribution of sales by regions since 1947.

TABLE 1. Farm Implement and Equipment Sales, by Provinces, 1947-1953

(Values at wholesale prices)

Province	1947	1948	1949	1950	1951	1952	1953
	\$	\$	\$	\$	\$	\$	\$
Canada	122,394,742	170,666,070	217,089,685	218,187,120	235,620,345	250,277,241	238,050,354
Newfoundland	1	1	5,399,111	95,468	119,945	254,276	281,712
Maritime Provinces	4,286,830	5,461,031		5,850,741	6,769,116	8,864,275	7,563,698
Quebec	11,361,856	14,906,555	16,657,442	19,137,999	23,816,008	23,745,129	20,587,165
Ontario	28,036,903	38,453,369	47,775,991	51,922,436	58,736,885	51,448,643	45,442,835
Manitoba	15,583,121	23,369,284	37,474,620	29,308,664	31,698,984	31,578,047	28,030,312
Saskatchewan	33,382,699	46,505,877	59,629,464	62,629,271	61,147,757	75,859,527	80,333,503
Alberta	25,953,168	36,748,138	44,459,129	45,117,409	48,267,092	53,505,361	51,302,523
British Columbia	3,790,165	5,221,816	5,693,928	4,125,132	5,064,558	5,021,983	4,508,606

1. Data not collected.

Sales of tractors and engines, the largest major commodity group, have declined consistently from a 1949 total of \$102,026,000 to \$85,261,224 in 1953. The 1953 decline from the previous year occurred in that part of the country outside of the Prairies where a nominal increase of 0.6 p.c. took place. Harvesting machinery declined 6.4 p.c. in value in 1953 but

was still higher, at \$69,579,783, than other years prior to 1952. Sales of haying machinery increased 14.8 p.c. with a most pronounced gain in the Prairie Provinces of 51.8 p.c. Sales of ploughs decreased while tilling and cultivating equipment sales showed a 5.5 p.c. gain. Other commodity group sales are shown below.

TABLE 2. Farm Implement and Equipment Sales by Major Groups, 1952-1953

(Values at wholesale prices)

Major group	Canada			Prairie Provinces			
	1952	1953	Per cent change 1953/1952	1952	1953	Per cent change 1953/1952	Percentage of Canada total, 1953
	\$	\$	%	\$	\$	%	%
All types, total	250,277,241	238,050,354	- 4.9	160,942,935	159,666,338	- 0.8	67.1
Planting, seeding, and fertilizing machinery	9,150,510	8,130,425	- 11.1	4,448,216	4,097,958	- 7.9	50.4
Ploughs	18,234,921	16,870,246	- 7.5	13,989,013	13,965,869	- 0.2	82.8
Tilling, cultivating, and weeding machinery	10,137,619	10,696,349	+ 5.5	5,903,720	7,383,956	+ 25.1	69.0
Haying machinery	17,230,060	19,787,111	+ 14.8	5,965,558	3,056,620	+ 51.8	45.8
Harvesting machinery	74,336,442	69,579,783	- 6.4	65,041,763	60,751,774	- 6.6	87.3
Machines for preparing crops, for market or use	11,324,459	7,716,401	- 31.9	6,760,491	5,084,309	- 24.8	65.9
Tractors and engines	89,991,854	85,261,224	- 5.3	52,897,416	53,206,518	+ 0.6	62.4
Spraying and dusting equipment	1,688,363	1,901,608	+ 12.6	850,370	867,983	+ 2.1	45.6
Farm wagons, trucks and sleighs	2,690,525	2,242,977	- 16.6	1,221,104	945,201	- 22.6	42.1
Water systems and pumps	6,202,934	6,605,219	+ 6.5	1,379,605	1,626,224	+ 17.8	24.6
Dairy machinery and equipment	3,010,878	3,566,767	+ 18.5	717,762	840,846	+ 17.1	23.6
Barn equipment	3,115,541	2,281,413	- 26.8	675,499	519,763	- 23.1	22.8
Poultry farm equipment	454,845	654,836	+ 44.0	186,428	137,738	- 26.1	21.0
Miscellaneous farm equipment	2,708,290	2,755,995	+ 1.8	905,990	1,181,579	+ 30.4	42.9

Sales of Repair Parts

A slight increase in the sale of repair parts brought the 1953 sales, at wholesale prices, up to \$31,818,818 compared with \$31,231,946 in 1952. An average reported mark-up of 33.5 p.c. places farmers' expenditures for these parts at \$42,478,000.

Most regions reported nominal gains in repair part sales with Quebec showing a 7.6 p.c. gain. Newfoundland and

British Columbia showed the largest percentage declines (-24.5 p.c. and -15.1 p.c.) but the dollar volume was much lighter than in the other regions. These declines follow substantial increases in sales of repair parts the previous year in these two provinces.

TABLE 3. Sales of Repair Parts, by Provinces, 1947-1953

(Values at wholesale prices)

Province	1947	1948	1949	1950	1951	1952	1953
	\$	\$	\$	\$	\$	\$	\$
Canada	23,276,162	26,996,844	28,104,505	29,862,034	28,772,869	31,231,946	31,818,818
Newfoundland	1	1	711,997	17,272	20,524	41,002	30,974
Maritime Provinces	567,912	659,822		1,084,897	780,653	940,324	952,502
Quebec	1,502,688	1,825,560	1,837,644	2,746,377	2,424,565	2,446,112	2,632,097
Ontario	4,299,526	4,995,751	5,182,703	6,038,045	6,166,312	6,165,581	6,091,975
Manitoba	3,456,574	3,908,708	4,143,931	3,801,813	3,802,524	3,809,424	3,963,885
Saskatchewan	7,407,977	8,362,667	8,939,587	8,035,003	8,230,364	9,762,610	10,104,946
Alberta	5,615,266	6,754,060	6,724,015	7,186,798	6,820,867	7,378,116	7,457,431
British Columbia	426,219	490,276	564,628	951,829	527,060	688,777	585,008

1. Data not collected.

Certain changes in commodity breakdown, particularly in tractors, preclude direct comparison with previous years as

shown in Table 5. More detail on size of tractor, combine or disk, will, it is hoped, make the figures of greater value to users of these statistics.

Sales of Farm Implements and Equipment Compared with Farm Cash Income, 1937-1953

Farm cash income decreased 3.0 p.c. from the 1952 volume while sales of farm implements and equipment were 5 p.c.

lower than in the previous year. The following chart presents a comparison of farm cash income and sales of farm implements and equipment.

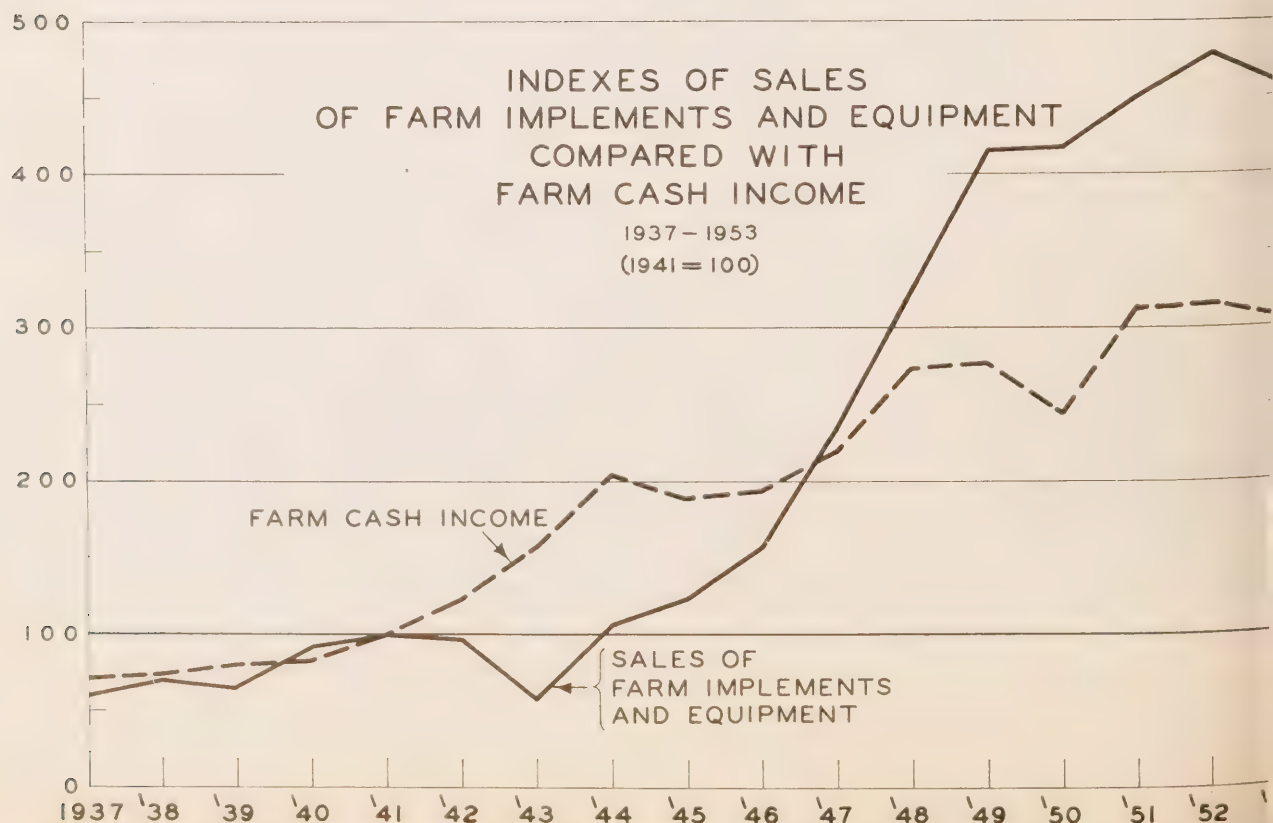


TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1953

(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value \$	Number of units	Value \$
All types, total	—	238,050,354	—	159,666,338
Planting, seeding, and fertilizing machinery, total	—	8,130,425	—	4,097,958
Corn planters:				
Horse or tractor drawn	584	142,084	1	1
Tractor mounted	257	54,299	1	1
Potato planters	291	95,967	34	10,018
Vegetable seeders (tractor mounted)	322	18,991	1	1
Transplanters	271	74,684	1	1
Beet and bean drills:				
Horse or tractor drawn	43	19,815	1	1
Tractor mounted	—	—	—	—
Grain and fertilizing drills (combination)	2,650	1,049,375	11	4,033
Grain drills:				
Plain	3,604	2,179,444	2,971	1,930,884
Press	2,930	1,746,596	2,926	1,743,040
Broadcast seeders, horse or tractor drawn	393	16,469	1	1
Fertilizer and lime sowers, horse or tractor drawn	1,661	288,612	47	10,243
Manure spreaders:				
Power take-off:				
2-wheel	1,587	586,949	182	84,461
4-wheel	358	129,824	51	33,185
Ground drive, 2-wheel	3,729	1,190,759	523	176,220
Horse-drawn	1,553	467,993	188	64,110
All other planting, seeding, and fertilizing machinery	—	68,564	—	41,764
Ploughs total	38,757	16,870,246	23,454	13,965,869
Mouldboard ploughs, horse drawn, walking ploughs, one furrow	543	14,053	1	1
Mouldboard ploughs, tractor drawn:				
One furrow	87	16,848	1	1
Two furrow	2,553	527,126	385	84,726
Three furrow	4,040	1,164,656	2,458	743,909
Four furrow or larger	1,913	822,592	1,803	772,821
Mouldboard ploughs, tractor mounted:				
One furrow	1,018	76,356	71	5,262
Two furrow	6,966	1,191,258	458	83,258
Three furrow	761	168,891	381	86,193
Disc ploughs:				
Horse drawn	—	—	—	—
Tractor drawn	345	197,659	250	168,632
Tractor mounted	396	92,774	75	21,190
One-way discs (without seed boxes):				
Under 5'	687	162,921	222	56,723
5' and over	3,361	1,507,415	3,310	1,487,699
One-way discs (with seed boxes):				
Under 5'	40	15,465	32	12,889
5' and over	1,885	1,245,835	1,866	1,236,043
Diskers (without seed boxes):				
Under 10'	371	156,282	259	136,796
10' and over	1,843	1,221,511	1,839	1,219,370
Diskers (with seed boxes):				
Under 10'	949	621,176	948	620,473
10' and over	7,682	6,698,549	7,678	6,695,457
Breaker ploughs	405	115,540	242	82,505
Rotary tillers:				
Garden (under 10 H. P. approx.)	1,403	292,917	452	82,694
Field (10 H. P. and over, P. T. O. or engine)	53	38,160	1	1
All other ploughs	1,456	522,262	725	369,229
Tilling, cultivating, and weeding machinery, total	—	10,696,349	—	7,383,956
Harrows:				
Drag harrows (sections)	67,317	1,208,391	56,049	1,056,056
Spring tooth harrows (sections)	7,824	387,973	1,551	96,593
Disc harrows:				
Horse drawn	51	2,471	—	—
Tractor drawn:				
Single	449	76,939	91	30,927
Tandem	9,295	2,131,214	3,076	952,443
Tractor mounted	1,006	208,151	168	33,875
Land rollers	61	11,127	1	1
Soil pulverizers and packers	5,373	633,328	4,452	490,557
Trailer packers	2,392	119,491	2,351	115,848
Scufflers and cultivators:				
Scufflers	1,343	30,529	111	2,456
Corn cultivators:				
Horse or tractor drawn	1	1	—	—
Tractor mounted:				
One row	748	81,113	1	1
Two and four row	1,199	254,339	12	3,945
Field cultivators:				
Horse drawn	1	1	—	—
Tractor drawn	13,462	4,384,674	11,132	3,956,035
Tractor mounted	1,825	370,232	686	175,510

1. Included in "All Other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1953 - Continued

(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Tilling, cultivating, and weeding machinery — Concluded:				
Beet, bean, and vegetable cultivators:				
Horse or tractor drawn.....	1	1	1	1
Tractor mounted.....	541	104,569	90	17,272
Hillers (all types).....	412	29,003	145	24,790
Rod weeders.....	1,186	217,582	1,181	216,932
Blade weeders:				
Field.....	476	167,240	385	151,536
Garden.....	1,596	3,604	956	2,743
Finger and tine weeders.....	37	2,037	1	1
Rotary hoes.....	883	78,433	1	1
All other cultivating tillage machinery.....	—	193,909	—	56,438
Haying machinery, total.....	—	19,787,111	—	9,056,620
Mowers:				
Horse drawn.....	1,450	220,694	371	57,340
Tractor drawn.....	6,428	1,565,787	3,396	803,507
Tractor mounted.....	6,211	1,384,130	1,991	467,025
Dump rakes.....	2,764	254,590	1,103	109,928
Side delivery rakes:				
Horse or tractor drawn.....	8,338	2,106,380	2,116	550,984
Power take-off.....	1,018	355,893	369	136,254
Finger wheel.....	1	1	—	—
Hay loaders.....	4,201	1,018,752	225	63,182
Hay or stook sweeps, tractor.....	415	107,714	286	92,001
Tractor loaders (with haysweep, stacker or manure bucket).....	6,932	3,136,206	3,389	1,928,859
Pick-up hay balers:				
Power take-off — Wire.....	2,954	3,347,189	1,698	1,937,377
Twine.....	342	739,658	106	241,260
Engine driven — Wire.....	3,120	5,127,453	1,465	2,496,313
Twine.....	719	201,947	560	154,253
Bale loaders.....	709	161,609	1	1
Bale conveyors.....	—	59,109	—	18,337
All other haying machinery.....	—	—	—	—
Harvesting machinery, total.....	—	69,579,783	—	60,751,774
Combine reaper threshers:				
Six feet and under:				
Power take-off.....	1,309	1,477,264	279	318,257
Engine driven.....	3,634	6,090,586	2,979	5,022,018
Over six feet to ten feet inclusive:				
Power take-off.....	584	956,117	447	774,699
Engine driven.....	1,240	2,663,872	1,132	2,471,287
Over ten feet:				
Power take-off.....	—	—	—	—
Engine driven.....	679	2,103,095	677	2,097,783
Self-propelled:				
Ten feet and under.....	861	3,443,465	527	2,131,619
Over ten feet.....	9,216	41,196,167	9,034	40,492,401
Swathers and windrowers:				
Tractor drawn.....	7,954	4,899,484	7,622	4,729,617
Self-propelled.....	951	1,352,500	939	1,335,500
Grain binders:				
Ground drive.....	1,903	1,081,873	1,014	647,722
Power take-off.....	—	—	—	—
Corn binders:				
Ground drive.....	—	—	—	—
Power take-off.....	1	1	—	—
Corn pickers:				
Pull type.....	321	300,842	1	1
Tractor mounted and self-propelled.....	253	494,607	—	—
Forage crop harvesters (including corn).....	1,831	2,347,432	417	471,800
Forage crop blowers.....	1,012	477,694	110	48,025
Forage crop elevators.....	551	179,446	1	1
Potato diggers:				
Traction.....	211	34,285	1	1
Power take-off.....	316	159,555	26	10,333
Potato harvesters (pickers and combines).....	1	1	1	1
Vine lifters and shredders.....	1	1	1	1
Beet lifters, horse or tractor drawn.....	193	18,462	25	3,077
Beet toppers (only).....	—	—	—	—
Beet harvesters.....	35	68,973	1	1
Beet loaders.....	—	—	—	—
Vegetable harvesters (other than for beets and potatoes).....	73	34,068	1	1
All other harvesting machinery.....	—	199,996	—	197,631
Machines for preparing crops for market or for use, total.....	—	7,716,401	—	5,084,309
Threshers:				
With feeder and blower.....	1,123	1,912,503	188	335,783
All other.....	89	36,453	1	1
Ensilage cutters.....	539	294,886	176	89,527
Feed or roughage cutters, hand and power.....	116	54,685	100	45,624

1. Included in "All Other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1953 - Continued

(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Machines for preparing crops for market or for use - Concluded:				
Corn shellers:				
Hand	1	1	—	—
Power	43	22,635	—	—
Grain grinders:				
6" or less	140	18,427	71	9,769
Over 6"	3,334	212,227	3,038	184,266
Rollers or crushers (grain)	432	58,442	121	19,796
Pulpers	1	1	—	—
Cleaners for grain:				
Hand (fanning mills)	623	59,624	623	59,624
Power	2,935	435,134	2,935	435,134
Hammermills	2,851	542,488	1,424	298,305
Feed mixers	2,344	108,435	2,227	81,719
Sorters and graders:				
Potatoes (mainly)	65	12,261	1	1
Fruit (mainly)	1	1	1	1
Vegetables (mainly)	—	—	—	—
Maple syrup evaporators	462	134,570	—	—
Maple syrup furnaces	1	1	—	—
Dryer heating units (for grain, tobacco, hay, etc.)	1	1	1	1
Grain elevators:				
Bucket type	556	115,281	161	30,233
Auger type	18,768	3,445,134	18,593	3,403,939
Seed treaters	1,286	49,112	1,255	46,322
All other machines for preparing crops for market or use	—	204,104	—	44,258
Tractors and engines, total	—	85,261,224	—	53,206,518
Wheel tractors (standard and row crop):				
9 H.P. or under	739	607,241	67	57,552
10 H.P. to 14 H.P. inclusive	1,485	1,907,376	147	192,707
15 H.P. to 18 H.P. inclusive - Diesel	4,542	5,868,096	374	524,015
All other	26	66,556	—	—
19 H.P. to 22 H.P. inclusive - Diesel	9,129	13,864,758	2,556	4,037,853
All other	1,276	2,861,466	980	2,248,572
23 H.P. to 27 H.P. inclusive - Diesel	5,221	10,122,328	2,975	6,220,953
All other	2,123	6,836,661	1,843	6,130,548
28 H.P. to 34 H.P. inclusive - Diesel	10,928	23,532,489	7,947	17,840,377
All other	1,862	6,663,529	1,767	6,345,487
Over 34 H.P. - Diesel	1,796	5,225,030	1,667	4,884,729
All other	—	—	—	—
Crawler tractors:				
Under 25 H.P. - Diesel	—	—	—	—
All other	566	1,169,852	129	275,188
25 H.P. to 35 H.P. inclusive - Diesel	459	2,004,630	331	1,441,335
All other	12	41,549	—	—
Over 35 H.P. - Diesel	251	1,696,576	242	1,643,146
All other	—	—	—	—
Garden tractors (rotary tillage types included under ploughs):				
One and two wheel	5,863	1,487,247	1,804	362,936
Four wheel	90	39,208	—	—
Gas engines: - Less than 5 H.P.	10,224	720,986	7,988	576,671
5 H.P. and over	3,463	455,629	3,131	351,218
Power units (approx 10 H.P. and over)	133	90,017	119	73,231
Spraying and dusting equipment (orchard or garden), total	—	1,901,608	—	867,983
Sprayers:				
Hand, pack, sack, barrel, and wheelbarrow	54,711	159,573	11,837	16,104
Weed (low volume, low pressure):				
Tractor mounted	3,222	569,092	2,486	497,299
Tractor drawn	1,252	150,376	1,161	132,217
Orchard:				
High pressure - Under 15 gal.	192	96,217	29	18,507
15 gal. and over	475	320,027	—	—
Concentrate sprayers	112	218,785	830	107,856
Concentrate attachments	130	102,803	—	—
Other	1,519	143,186	—	—
Dusters:				
Hand	1,465	10,500	—	—
Weed	343	89,020	427	96,000
Orchard	1	1	—	—
Other	144	42,029	—	—
Farm wagons, trucks, and sleighs, total	—	2,242,977	—	945,201
Wagon boxes	679	67,760	—	—
Wagon gears (wood and steel wheel)	1,598	162,395	1	1
Gears or trailers - pneumatic wheels (with or without tires)	11,719	1,675,141	3,374	530,092
Forage boxes	253	36,705	1	1
All other farm wagons, trucks, and sleighs	—	300,976	—	348,518

1. Included in "All Other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1953 - Concluded

(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Water systems and pumps, total	—	6,605,219	—	1,626,224
Hand well pumps (wood or metal)	7,656	141,701	4,149	84,212
Domestic water systems:				
Deep well (except jets)	3,044	724,256	786	201,753
Shallow well (except jets)	30,790	3,277,384	4,022	463,626
Jet type	6,477	835,190	2,214	280,954
Windmills:				
Heads and wheels	130	12,042	59	5,942
Towers	20	2,675	17	2,123
Pump jacks	5,516	177,734	5,196	163,705
Pumps for farm irrigation	435	61,046	1	1
Sprinkler irrigation systems, including pumps	156	246,380	53	74,743
All other water systems and pumps	—	1,126,811	—	349,166
Dairy machinery and equipment, total	—	3,566,767	—	840,846
Milking machines:				
Vacuum pumps (excluding pail units)	4,580	539,283	1,121	133,343
Milker pail units	9,332	747,950	1,682	131,682
Milk pipeline (feet)	—	—	—	—
Cream separators:				
300 lb. and under	1,504	62,543	745	34,950
Over 300 lb.	11,757	1,276,751	5,644	498,745
Farm milk coolers:				
Electrical refrigeration type	1,750	720,964	65	18,025
Surface type	224	15,327	1	1
Butter churns (farm use)	1,950	12,883	774	4,320
Water heaters for dairy purposes (oil, gas or electric incl. pails)	1	1	1	1
All other dairy machinery and equipment	—	191,066	—	19,781
Barn equipment, total	—	2,281,413	—	519,763
Feed carriers	67	3,980	1	1
Litter carriers	2,554	193,146	1	1
Track for feed and litter carriers (feet)	249,117	82,411	1	1
Hay forks and slings	3,895	41,473	1	1
Hay fork carriers or cars	3,295	109,031	1	1
Track for hay carriers (feet)	258,431	88,150	1	1
Stable stalls and livestock pens (without stanchion units)	33,707	401,720	1	1
Cattle stanchions	57,160	276,722	9,416	46,064
Milking room stalls	118	17,502	1	1
Stock watering cups and bowls	58,475	324,395	3,612	31,330
Stock tank heaters — wood or coal	2,092	25,585	2,092	25,585
Watering troughs for livestock (except poultry)	10,431	183,921	10,356	182,508
Ventilation fans (barn, poultry, etc.)	370	23,672	1	1
Miscellaneous barn equipment	—	509,705	—	234,276
Poultry farm equipment, total	—	654,836	—	137,738
Incubators	85	20,197	1	1
Brooders:				
Coal or wood	704	17,715	152	3,816
Oil	3,723	93,374	1,374	26,644
Electric	3,145	87,168	1,184	16,410
Battery or multiple type	92	8,701	1	1
Egg handling equipment	1,079	30,915	1	1
Feeders and waterers for poultry	171,488	306,396	71,479	68,538
Miscellaneous poultry farm equipment	—	90,370	—	22,330
Miscellaneous farm equipment, total	—	2,755,995	—	1,181,579
Beekeeper's supplies	—	230,723	—	63,642
Animal clippers and shears, power	1	1	1	1
Sheep shears, power	1	1	1	1
Electric fence controllers	11,869	112,268	1,446	13,320
Wagon unloaders	454	43,804	71	10,628
Wood sawing machines	1,708	348,000	230	28,596
Electric lighting plants:				
32 volts	61	24,734	42	18,401
110 volts	409	242,643	208	114,865
Farm freezers (electric)	225	68,647	—	—
Post hole diggers	2,404	241,162	2,042	161,838
Miscellaneous equipment	—	1,444,014	—	770,289

1. Included in "All Other" category of its group.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1947-1953

Type of implement	1947		1948		1949		1950		1951		1952		1953	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Planting, seeding, and fertilizing machinery, total	—	5,083	—	7,023	—	8,138	—	8,806	—	9,516	—	9,151	—	8,130
Corn planters	617	88	842	134	831	171	853	168	1,072	244	827	190	841	196
Grain and fertilizer drills (combination)	3,596	718	2,620	598	4,030	1,042	4,407	1,473	5,119	2,111	4,015	1,460	2,650	1,049
Grain drills:														
Plain	5,743	1,950	7,188	2,761	6,009	2,619	5,886	2,941	6,284	2,824	5,214	2,979	3,604	2,179
Press	865	342	1,441	658	2,235	1,173	2,437	1,142	2,103	1,037	2,426	1,392	2,930	1,747
Fertilizer and lime sowers	1,160	131	2,750	342	2,494	349	1,458	169	1,929	246	1,335	245	1,661	289
Manure spreaders:														
Power take-off, 2-wheel													1,587	587
4-wheel													358	130
Ground drive, 2-wheel	7,759	1,588	9,210	2,069	9,904	2,453	9,682	2,539	9,547	2,728	8,218	2,604	3,729	1,191
Horse drawn													1,553	468
Ploughs, total	—	8,210	—	11,961	—	17,938	—	15,228	—	15,454	—	18,235	—	16,870
Doubleboard ploughs, tractor drawn:														
Two furrow	5,855	770	7,413	1,071	15,364	2,396	7,687	1,258	6,061	1,147	4,925	1,006	2,553	527
Three furrow	4,301	713	5,795	1,133	9,901	2,278	8,998	2,150	7,937	2,072	6,459	1,799	4,040	1,165
Four furrow or larger	1,393	320	2,346	689	3,477	1,202	2,527	899	2,202	835	2,022	837	1,913	823
Doubleboard ploughs, tractor mounted	7,707	786	12,605	1,333	10,089	991	13,326	1,792	14,974	2,208	12,657	2,003	8,745	1,436
One-way discs (without seed boxes)—Under 5' and over 5' and over	8,475	2,806	10,012	3,907	15,095	6,916	10,369	4,609	6,743	2,943	6,235	3,030	3,687	1,507
One-way discs (with seed boxes)—Under 5' and over 5' and over	4,786	2,155	6,625	3,006	6,324	3,301	4,041	2,642	1,655	958	2,127	1,400	1,885	1,246
Disks (without seed boxes)—Under 10' and over 10' and over	1	1	1	1	1	1	1	1	6,084	3,883	8,894	7,179	1,843	1,222
Disks (with seed boxes)—Under 10' and over 10' and over													949	621
													7,682	6,699
Tilling, cultivating, and weeding machinery, total	—	6,306	—	9,337	—	12,241	—	13,202	—	12,508	—	10,137	—	10,696
Drag harrows (sections)	61,361	410	71,665	590	78,314	953	63,167	654	55,899	654	53,570	819	67,317	1,208
Spring tooth harrows (sections)	12,697	331	13,719	547	11,633	416	10,342	414	11,868	537	9,837	463	7,824	388
Disc harrows tractor drawn	4,945	840	15,792	2,392	22,440	4,424	17,580	4,727	17,870	4,767	13,253	2,858	9,744	2,208
Soil pulverizers and packers													5,373	633
Trailer packers	1	1	1	1	1	1	5,322	343	4,678	402	6,850	543	2,392	119
Cultivators:														
Corn cultivators, tractor mounted	3,129	349	5,183	607	3,509	386	2,577	346	2,648	423	2,615	44	1,947	335
Field cultivators, tractor drawn	8,413	1,642	11,201	2,422	16,542	3,906	20,644	5,076	16,619	3,858	13,690	3,610	13,462	4,385
Beet, bean, and vegetable cultivators:														
Horse or tractor drawn	2,323	75	2,725	119	237	31	232	43	568	108	357	67	1	1
Tractor mounted	234	17	783	57	744	61	1,029	139	354	32	732	104	541	104
Rod weedeers	2,194	289	2,835	399	2,431	416	1,782	356	1,655	260	1,367	242	1,186	218
Blade weedeers	1	1	1	1	343	52	314	143	2,587	389	2,384	194	2,072	171
Haying machinery, total	—	5,688	—	9,351	—	10,569	—	10,610	—	14,844	—	17,230	—	19,787
Mowers:														
Horse drawn	10,701	1,246	10,497	1,358	8,464	1,211	5,366	736	4,074	602	2,274	360	1,450	221
Tractor drawn	978	170	2,594	531	3,150	708	5,207	1,118	7,036	1,601	9,204	2,205	6,428	1,566
Tractor mounted	3,072	442	7,999	1,188	8,618	1,382	4,256	733	4,661	898	6,459	1,333	6,211	1,384
Hay loaders	3,850	607	6,543	1,112	7,158	1,348	6,180	1,226	7,048	1,427	6,013	1,330	4,201	1,019
Dump rakes	8,881	552	7,336	493	7,686	562	6,449	483	5,615	454	5,572	503	2,764	255
Side delivery rakes:														
Horse or tractor drawn														
Power take-off	3,063	499	4,478	833	5,509	1,108	6,698	1,427	8,224	1,956	8,761	2,125	8,388	2,106
Tractor loaders (with hay sweep, stacker, or manure bucket)					680	220	509	171	1,222	369	905	316	1,018	356
Pick-up hay balers:														
Power take-off:														
Wire													74	132
Twine													1,364	1,466
Engine driven:														
Wire	733	1,199	1,709	2,505	1,914	2,568	2,509	3,538	3,110	5,235			382	891
Twine													2,095	4,108
Harvesting machinery, total	—	23,179	—	36,047	—	39,088	—	44,243	—	58,641	—	74,336	—	69,580
Combine reaper threshers:														
Six feet and under:														
Power take-off	1,207	899	1,442	1,341	938	1,000	1,236	1,372	1,950	1,916	1,570	1,912	1,309	1,477
Engine driven	1,718	1,787	2,360	2,848	2,711	3,761	2,851	4,174	3,390	5,444	4,733	7,731	3,634	6,091
Over six feet to ten feet:														
Power take-off													584	956
Engine driven													1,240	2,664
Over ten feet:														
Power take-off	2,792	4,439	2,498	4,901	2,590	5,332	2,730	6,068	2,192	5,828	2,754	6,522	—	—
Engine driven													679	2,103
Self-propelled:														
Ten feet and under													861	3,448
Over ten feet	3,564	9,872	6,039	18,418	5,746	19,652	6,170	22,961	7,965	33,011	10,585	45,631	9,216	11,146
Swathers or windrowers	5,105	2,099	7,698	3,912	7,926	4,164	7,714	4,310	8,866	5,125	10,160	6,433	8,905	6,252
Grain binders:														
Ground drive	6,445	2,105	6,264	2,111	4,367	1,701	3,483	1,349	3,314	1,548	3,151	1,503	1,903	1,082
Power take-off	1,703	738	2,132	1,006	2,852	1,510	3,309	1,841	2,993	1,735	1,068	657	1,831	2,347
Forage crop harvesters, including corn	179	204	381	339	504	593	847	907	1,408	1,573	2,079	2,258	1,831	2,347

1. Not available.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1947-1953 — Concluded

Type of implement	1947		1948		1949		1950		1951		1952		1953	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Machines for preparing crops for market or use, total	—	5,126	—	5,904	—	7,822	—	8,487	—	11,382	—	11,324	—	7,716
Threshers:														
With feeder and blower	1,611	1,973	1,798	2,408	2,349	3,685	2,245	3,480	2,687	4,539	2,410	4,102	1,123	1,913
Ensilage cutters	917	349	836	307	1,088	490	1,441	711	1,083	522	687	336	539	295
Grain grinders:														
6" or less	1,055	175	854	118	580	92	645	99	720	115	287	36	140	18
Over 6"	4,729	272	3,642	208	5,312	330	3,604	221	5,071	321	4,621	316	3,384	212
Cleaners for grain:														
Hand and power	4,025	350	3,838	442	4,284	545	2,339	300	3,491	442	3,291	439	3,558	495
Hammermills	2,832	459	3,843	569	3,963	711	3,957	815	4,587	943	5,106	1,030	2,851	542
Feed mixers	557	60	1,102	118	1,863	90	1,647	108	1,456	146	2,340	120	2,344	108
Tractors and engines, total	—	42,223	—	63,065	—	102,026	—	98,001	—	92,662	—	89,992	—	85,261
Wheel tractors: (Standard and row crop)														
9 H.P. or under													739	607
10 H.P. to 14 H.P. incl.													1,485	1,907
15 H.P. to 18 H.P. incl. — Diesel													4,542	5,868
All other													26	67
19 H.P. to 22 H.P. incl. — Diesel													9,129	13,865
All other													1,276	2,861
23 H.P. to 27 H.P. incl. — Diesel	33,436	38,492	45,124	57,882	62,205	94,709	55,835	91,454	49,552	86,929	44,103	84,077	5,221	10,122
All other													2,123	6,837
28 H.P. to 34 H.P. incl. — Diesel													10,928	23,532
All other													1,862	6,664
Over 34 H.P. — Diesel													1,796	5,225
All other													—	—
Crawler tractors:													566	1,170
Under 25 H.P. — Diesel													459	2,005
All other													12	42
25 H.P. to 35 H.P. incl. — Diesel	323	804	471	1,340	1,255	4,571	1,232	4,942	988	3,542	1,218	3,795	251	1,697
All other													—	—
Over 35 H.P. — Diesel													—	—
All other													—	—
Garden tractors (including rotary tiller)	4,374	1,019	9,526	1,987	6,493	1,675	3,854	811	4,205	1,040	5,888	1,057	6,409	1,857
Water systems and pumps, total	—	5,167	—	5,801	—	5,387	—	5,375	—	5,938	—	6,203	—	6,605
Hand well pumps (wood or metal)	25,159	573	12,647	208	14,559	259	11,839	197	11,806	180	7,504	141	7,656	142
Domestic water systems:														
Deep well (except jets)	3,042	439	2,911	477	4,002	580	2,419	431	2,667	481	2,231	468	3,044	724
Shallow well (except jets)	29,647	2,768	40,995	3,599	33,260	3,026	34,821	2,998	30,467	2,849	28,955	3,307	30,790	3,277
Jet type	2,359	292	2,614	371	3,166	453	3,266	499	4,277	666	4,133	575	6,477	835
Dairy machinery and equipment, total	—	4,970	—	4,287	—	4,005	—	4,034	—	3,398	—	3,011	—	3,566
Milking machines (complete equipment less milker pail units)	11,580	1,249	8,112	831	6,619 ²	1,385 ²	4,636 ²	994 ²	5,160 ²	1,133 ²	3,875	497	4,580	539
Milker pail units	18,850	1,283	12,834	939	3,462 ³	248 ³	1,779 ³	173 ³	1,204 ³	82 ³	8,062	588	9,332	748
Cream separators:														
300 lb and under	5,296	162	5,147	168	2,835	99	1,817	59	1,479	51	1,638	66	1,504	63
Over 300 lb	18,170	1,467	18,450	1,738	15,603	1,628	10,915	1,231	13,135	1,487	10,305	1,163	11,757	1,277
Farm milk coolers:														
Electrical refrigeration type														
Surface type	2,360	610	1,426	436	1,443	486	2,250	756	1,692	555	1,153	419	1,750	721
Butter churns (farm use)	11,715	105	7,977	112	4,267	76	2,764	50	2,693	62	2,739	65	1,950	13
Poultry farm equipment, total	—	722	—	475	—	467	—	318	—	532	—	454	—	655
Brooders:														
Coal or wood	8,857	133	1,981	35	2,779	46	706	12	866	20	849	22	704	18
Oil	9,154	147	4,757	78	3,579	90	3,432	70	4,094	119	2,612	67	3,723	93
Electric	3,792	93	2,260	58	1,550	56	1,989	47	2,545	82	2,127	57	3,145	87
Battery or multiple type	72	7	515	25	221	13	200	11	194	11	156	8	92	9

1. Not available. 2. Complete equipment including milker pail units. 3. Milker pail units (sold separately).



CANADA

FARM IMPLEMENT AND EQUIPMENT SALES 1954



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DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Merchandising and Services Section

NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Merchandising and Services.

Volume III consists of the following parts with individual trade reports listed under each:

Part I—Wholesale Statistics

- A—Wholesale Trade, 25¢
- *B—Operating Results of Food Wholesalers, 25¢
- *C—Operating Results of Dry Goods, Piece Goods and Footwear Wholesalers, 25¢
- *D—1 Operating Results of Automotive Parts and Accessories Wholesalers, 25¢
 - 2 Operating Results of Drug Wholesalers, 25¢
 - 3 Operating Results of Hardware Wholesalers, 25¢
 - 4 Operating Results of Plumbing and Heating Supply Wholesalers, 25¢
 - 5 Operating Results of Household Appliance & Electrical Supply Wholesalers, 25¢

Part II—Retail Statistics

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- U—Farm Implement and Equipment Sales, 25¢
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- W—Advertising Agencies (Memorandum), 10¢
- X—Motion Picture Production (Memorandum), 10¢

The reports are punched to permit of filing in a ring binder.

*Biennial reports—not issued for 1954.

NOTES

Sales reported in this series include only original sales of machinery in Canada. Manufacturers report only sales of goods of their own manufacture or of goods which they imported. Distributors report only sales of goods imported directly by them. Figures include sales made to Canadian customers only; export sales have been excluded.

Value figures represent wholesale values.

Used machinery, binder twine, and motor trucks are not included.

Sales of attachments have been included with the machines for which they were sold.

FARM IMPLEMENT AND EQUIPMENT SALES

1954

For the second successive year, sales of new farm implements and equipment decreased from the previous year. Compared with 1953, sales in 1954 decreased about 38% to reach the lowest figure since 1947. This decrease in sales was common to all regions, the Prairie Provinces showing the

largest percentage drop, followed by the Maritime Provinces. Dollar values are stated at wholesale prices and information submitted indicates an average retail mark-up of 22.5%. Table 1 shows distribution of sales by regions.

TABLE 1. Farm Implement and Equipment Sales, by Provinces, 1948-1954

(Values at wholesale prices)

Province	1948	1949	1950	1951	1952	1953	1954
	\$	\$	\$	\$	\$	\$	\$
Canada	170,666,070	217,089,685	218,187,120	235,620,345	250,277,241	238,050,354	146,702,695
Newfoundland	1	5,399,111	95,468	119,945	254,276	281,712	269,246
Maritime Provinces	5,461,031		5,850,741	6,769,116	8,864,275	7,563,698	4,987,275
Quebec	14,906,555	16,657,442	19,137,999	23,816,008	23,745,129	20,587,165	16,942,850
Ontario	38,453,369	47,775,991	51,922,436	56,736,885	51,448,643	45,442,835	39,360,291
Manitoba	23,369,284	37,474,620	29,308,664	31,698,984	31,578,047	28,030,312	15,538,264
Saskatchewan	46,505,877	59,629,464	62,629,271	61,147,757	75,859,527	80,333,503	37,371,962
Alberta	36,748,138	44,459,129	45,117,409	48,267,092	53,505,361	51,302,523	28,017,559
British Columbia	5,221,816	5,693,928	4,125,132	5,064,558	5,021,983	4,508,606	4,215,248

1. Data not collected.

Table 2 gives information regarding sales by major groups. In Canada only 3 categories of equipment sales showed an increase over 1953 and this condition also applied to the

Prairie Provinces. The largest decrease occurred in harvesting machinery. Sales in the Prairie Provinces continued to account for well over 50% of total Canadian sales.

TABLE 2. Farm Implement and Equipment Sales, by Major Groups, 1953-1954

(Values at wholesale prices)

Major group	Canada			Prairie Provinces			
	1953	1954	Per cent change 1954/1953	1953	1954	Per cent change 1954/1953	Percentage of Canada total 1954
	\$	\$	%	\$	\$	%	%
All types, total	238,050,354	146,702,695	- 38.4	159,666,338	80,927,785	- 49.3	55.2
Planting, seeding, and fertilizing machinery	8,130,425	5,707,091	- 29.8	4,097,958	2,532,014	- 38.2	44.4
Ploughs	16,870,246	10,201,207	- 39.5	13,965,869	8,042,941	- 42.4	78.8
Tilling, cultivating, and weeding machinery	10,696,349	7,643,885	- 28.5	7,383,956	4,910,585	- 33.5	64.2
Haying machinery	19,787,111	17,729,936	- 10.4	9,056,620	7,882,831	- 13.0	44.5
Harvesting machinery	69,579,783	26,194,827	- 62.4	60,751,774	18,952,779	- 68.8	72.4
Machines for preparing crops, for market or use	7,716,401	4,581,470	- 40.6	5,084,309	2,642,614	- 48.0	57.7
Tractors and engines	85,261,224	55,167,799	- 35.3	53,206,518	30,659,973	- 42.4	55.6
Spraying and dusting equipment	1,901,608	1,850,814	- 2.7	887,983	635,012	- 26.8	34.3
Farm wagons, trucks, and sleighs	2,242,977	1,643,289	- 26.7	945,201	538,178	- 43.1	32.8
Water systems and pumps	6,605,219	6,726,346	+ 1.8	1,626,224	1,403,735	- 13.7	20.9
Dairy machinery and equipment	3,566,767	3,414,180	- 4.3	840,846	727,027	- 13.5	21.3
Barn equipment	2,281,413	2,523,752	+ 10.6	519,763	527,690	+ 1.5	20.9
Poultry farm equipment	654,836	734,401	+ 12.2	137,738	143,676	+ 4.3	19.6
Miscellaneous farm equipment	2,755,995	2,583,698	- 6.3	1,181,579	1,328,730	+ 12.5	51.4

Sales of Repair Parts

Total sales of repair parts were lower than any year since 1948. The Prairie Provinces all registered a drop, Saskatchewan accounting for the largest dollar decrease, about 22% from the 1953 figure. There was a small increase in sales in British Columbia and Newfoundland but the result for the

whole of Canada showed sales 14.1% below the 1953 total. Values of repair parts are also shown at wholesale prices and information received from reporting firms indicates a retail mark-up of 34%. Table 3 gives information regarding sales of repair parts by regions.

TABLE 3. Sales of Repair Parts, by Provinces, 1948-1954

(Values at wholesale prices)

Province	1948	1949	1950	1951	1952	1953	1954
	\$	\$	\$	\$	\$	\$	\$
Canada	26,996,844	28,104,505	29,862,034	28,772,869	31,231,946	31,818,818	27,335,796
Newfoundland	1	711,997	17,272	20,524	41,002	30,974	47,518
Maritime Provinces	659,822		1,084,897	780,653	940,324	952,502	925,354
Quebec	1,825,560	1,837,644	2,746,377	2,424,565	2,446,112	2,632,097	2,513,373
Ontario	4,995,751	5,182,703	6,038,045	6,166,312	6,165,581	6,091,975	6,008,045
Manitoba	3,908,708	4,143,931	3,801,813	3,802,524	3,809,424	3,963,885	3,315,757
Saskatchewan	8,362,667	8,939,587	8,035,003	8,230,364	9,762,610	10,104,946	7,899,989
Alberta	6,754,060	6,724,015	7,186,798	6,820,867	7,378,116	7,457,431	6,025,669
British Columbia	490,276	564,628	951,829	527,060	688,777	585,008	600,091

1. Data not collected.

Table 5 shows sales of selected types of farm implements and equipment since 1948. Additional detail on classifications

within types, collected since 1953, will, it is hoped, make these figures of greater value to the readers of this table.

Sales of Farm Implements and Equipment Compared with Farm Cash Income, 1938-1954

Farm cash income decreased 12.1% from the 1953 volume while sales of farm implements and equipment were 38.4%

lower than in the previous year. The following chart presents a graphic comparison.

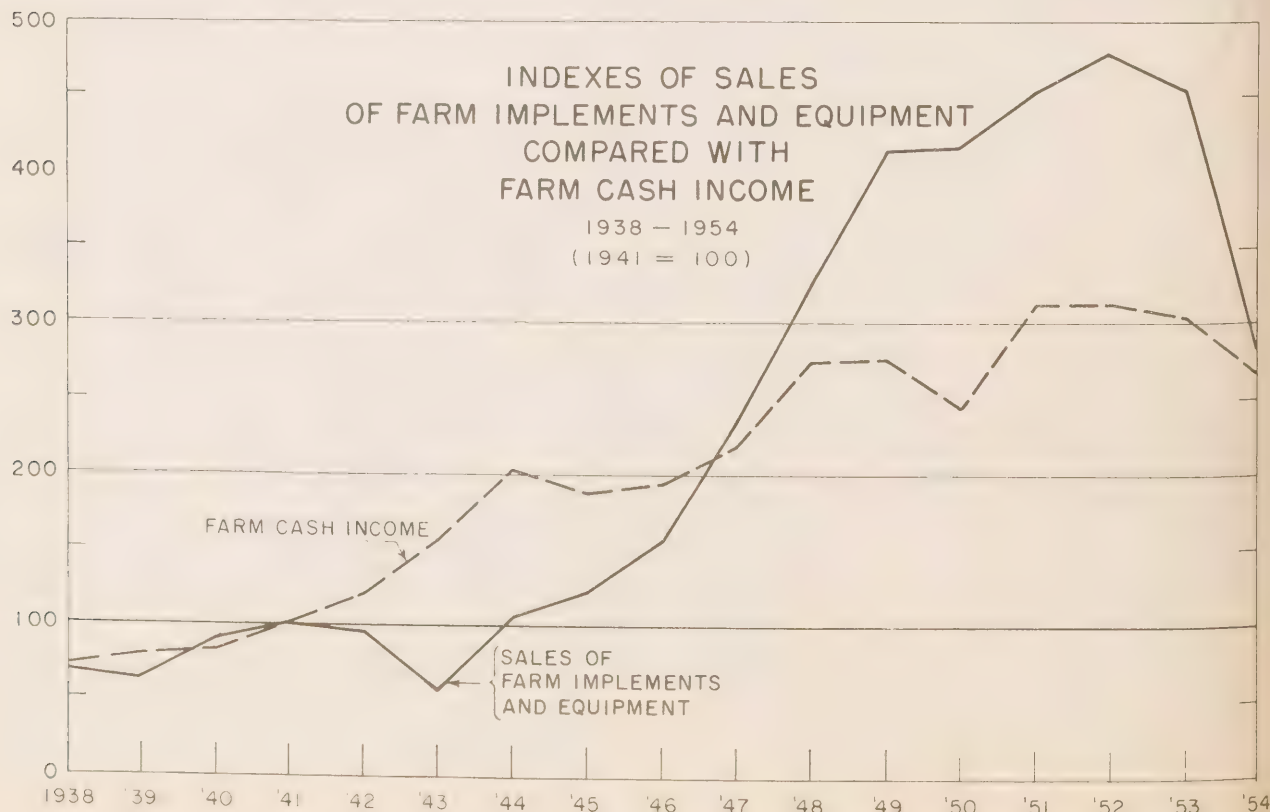


TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1954
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
All types, total	—	146,702,695	—	80,927,785
Planting, seeding, and fertilizing machinery, total	—	5,707,091	—	2,532,014
Corn planters:				
Horse or tractor drawn	560	142,723	1	1
Tractor mounted	222	37,477	—	—
Potato planters	179	79,102	1	1
Vegetable seeders (tractor mounted)	1	1	1	1
Transplanters	341	94,961	—	—
Beet and bean drills:				
Horse or tractor drawn	1	1	1	1
Tractor mounted	1	1	—	—
Grain and fertilizer drills (combination)	1,582	683,807	12	4,808
Grain drills:				
Plain	2,054	1,024,777	1,581	895,106
Press	2,000	1,210,749	1,997	1,207,633
Broadcast seeders, horse or tractor drawn	586	28,128	—	—
Fertilizer and lime sowers, horse or tractor drawn	1,220	207,048	53	11,219
Manure spreaders:				
Power take-off:				
2-wheel	924	399,175	213	102,799
4-wheel	158	78,796	42	29,280
Ground drive, 2-wheel	3,676	1,184,991	544	181,174
Horse-drawn	1,167	344,323	190	62,615
All other planting, seeding, and fertilizing machinery	—	191,034	—	37,380
Ploughs, total	25,568	10,201,207	13,770	8,042,941
Mouldboard ploughs, horse drawn, walking ploughs, one furrow	203	9,196	—	—
Mouldboard ploughs, tractor drawn:				
One furrow	113	24,872	1	1
Two furrow	1,485	306,979	173	38,403
Three furrow	2,282	667,365	1,200	375,395
Four furrow or larger	1,020	449,209	932	416,707
Mouldboard ploughs, tractor mounted:				
One furrow	1,038	108,534	57	4,421
Two furrow	4,948	731,340	335	50,485
Three furrow	967	217,074	347	77,565
Disc ploughs:				
Horse drawn	—	—	—	—
Tractor drawn	190	100,672	143	85,434
Tractor mounted	209	48,872	43	12,458
One-way discs (without seed boxes):				
Under 5'	263	74,195	95	22,101
5' and over	1,930	910,500	1,886	898,623
One-way discs (with seed boxes):				
Under 5'	15	5,353	12	4,653
5' and over	401	274,031	401	274,031
Diskers (without seed boxes):				
Under 10'	143	77,465	142	77,231
10' and over	1,255	830,083	1,255	830,083
Diskers (with seed boxes):				
Under 10'	764	607,365	762	605,762
10' and over	4,431	3,751,217	4,430	3,749,748
Breaker ploughs	196	71,357	1	1
Rotary tillers:				
Garden (under 10 H.P. approx.)	2,231	419,213	658	104,168
Field (10 H.P. and over, P.T.O. or engine)	1	1	1	1
All other ploughs	1,484	516,315	899	415,673
Tilling, cultivating, and weeding machinery, total	—	7,643,885	—	4,910,585
Harrows:				
Drag harrows (sections)	61,880	1,169,808	49,801	1,017,270
Spring tooth harrows (sections)	8,315	380,200	2,132	96,296
Disc harrows:				
Horse drawn	1	1	—	—
Tractor drawn:				
Single	282	53,508	91	25,961
Tandem	5,651	1,417,700	1,674	575,229
Tractor mounted	1,256	225,166	135	27,263
Land rollers	58	8,926	—	—
Soil pulverizers and packers	3,947	385,026	3,429	294,998
Trailer packers	51	4,257	48	3,357
Scufflers and cultivators:				
Scufflers	854	16,363	85	1,933
Corn cultivators:				
Horse or tractor drawn	133	21,164	—	—
Tractor mounted:				
One row	527	41,148	1	1
Two and four row	1,088	207,705	1	1

1. Included in "All Other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1954 - Continued
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Tilling, cultivating, and weeding machinery—Concluded:				
Field cultivators:				
Horse drawn	1	1	—	—
Tractor drawn	8,263	2,743,760	6,437	2,366,927
Tractor mounted	2,311	407,771	951	231,393
Beet, bean, and vegetable cultivators:				
Horse or tractor drawn	1	1	—	—
Tractor mounted	540	125,289	64	14,554
Hillers (all types)	238	5,144	1	1
Row weeders	700	127,017	699	126,987
Blade weeders:				
Field	291	114,820	1	1
Garden	982	7,785	360	2,029
Finger and tine weeders	171	8,460	—	—
Rotary hoes	929	78,658	1	1
All other tilling, cultivating and weeding machinery	—	94,210	—	126,188
Haying machinery, total	—	17,729,936	—	7,882,831
Mowers:				
Horse drawn	795	121,616	213	33,271
Tractor drawn	5,347	1,339,181	3,274	808,976
Tractor mounted	5,128	1,173,951	1,332	327,806
Dump rakes	1,537	147,809	696	72,971
Side delivery rakes:				
Horse or tractor drawn	8,238	2,225,072	2,347	683,815
Power take-off	594	201,772	387	131,267
Finger wheel	82	17,550	1	1
Hay loaders	2,279	566,225	160	55,022
Hay or stook sweeps, tractor	75	9,718	1	1
Tractor loaders (with haysweep, stacker or manure bucket)	5,070	2,046,831	2,476	1,316,554
Pick-up hay balers:				
Power take-off—Wire	4,043	4,695,423	1,972	2,302,488
Twine	—	—	—	—
Engine driven—Wire	250	559,597	61	133,964
Twine	2,773	4,185,797	1,273	1,870,664
Bale pickers	576	156,661	441	115,735
Bale conveyors	942	214,366	1	1
All other haying machinery	—	68,367	—	30,298
Harvesting machinery, total	—	26,194,827	—	18,952,779
Combine reaper threshers:				
Six feet and under:				
Power take-off	702	853,048	36	56,982
Engine driven	696	1,104,820	308	505,044
Over six feet to ten feet inclusive:				
Power take-off	379	603,848	167	299,553
Engine driven	602	1,319,575	386	905,068
Over ten feet:				
Power take-off	—	—	—	—
Engine driven	249	685,594	248	679,300
Self-propelled:				
Ten feet and under	716	2,711,824	317	1,206,703
Over ten feet	2,683	12,159,927	2,570	11,671,054
Self-propelled (with mowers):				
Tractor drawn	3,427	2,071,463	3,234	1,991,189
Self-propelled	654	844,391	609	783,016
Grain binders:				
Ground drive	1,056	567,968	345	298,965
Power take-off	—	—	—	—
Corn binders:				
Tractor drawn	—	—	—	—
Power take-off	1	1	—	—
Corn pickers:				
Pull type	231	189,525	—	—
Tractor drawn	112	138,911	1	1
Self-propelled	1,539	1,913,852	318	366,947
Forage crop elevators	799	373,670	1	1
Potato diggers:				
Traction	481	166,515	1	1
Power take-off	129	18,543	1	1
Tractor drawn	271	143,231	1	1
Self-propelled	185	33,347	1	1
Tractor drawn	1	1	1	1
Self-propelled	78	7,467	1	1
Beet toppers (only)	1	1	—	—
Beet harvesters	36	82,726	1	1
Tractor drawn	—	—	—	—
Self-propelled	1	1	1	1
All other harvesting machinery	—	204,482	—	188,958

1. Included in "All Other" category of its group.

(Values at wholesale prices)

1. Included in "All Other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1954 - Concluded
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Farm wagons, trucks, and sleighs, total	—	1,643,289	—	538,178
Wagon boxes	242	25,372	229	23,356
Wagon gears (wood and steel wheel)	1,102	120,065	721	67,020
Gears or trailers — pneumatic wheels (with or without tires)	9,255	1,315,011	2,980	362,816
Forage boxes	164	46,691	1	1
All other farm wagons, trucks, and sleighs	—	136,150	—	84,986
Water systems and pumps, total	—	6,726,346	—	1,403,735
Hand well pumps (wood or metal)	6,437	130,077	1,789	37,630
Domestic water systems:				
Deep well (except jets)	2,099	519,528	580	154,326
Shallow well (except jets)	31,541	3,219,077	3,750	385,212
Jet type	7,219	1,112,397	1,499	244,843
Windmills:				
Heads and wheels	80	8,109	30	3,087
Towers	26	3,364	11	1,318
Pump jacks	3,704	114,440	3,322	96,168
Pumps for farm irrigation	274	52,327	235	36,374
Sprinkler irrigation systems, including pumps	251	479,496	71	127,704
All other water systems and pumps	—	1,087,531	—	317,073
Dairy machinery and equipment, total	—	3,414,180	—	727,027
Milking machines:				
Vacuum pumps (excluding pail units)	4,564	422,119	1,036	118,419
Milker pail units	10,183	865,754	1,621	133,292
Milk pipeline (feet)	1	1	1	1
Cream separators:				
300 lb. and under	1,156	38,937	508	16,259
Over 300 lb.	10,926	1,367,510	4,821	407,978
Farm milk coolers:				
Electrical refrigeration type	1,593	625,252	95	28,698
Surface type	1	1	1	1
Butter churns (farm use)	2,079	13,772	766	4,834
Water heaters for dairy purposes (oil, gas or electric incl. pails)	1	1	1	1
All other dairy machinery and equipment	—	80,836	—	17,547
Barn equipment, total	—	2,523,752	—	527,690
Feed carriers	93	5,524	1	1
Litter carriers	2,621	216,875	1	1
Track for feed and litter carriers (feet)	253,776	86,341	1	1
Hay forks and slings	3,117	35,275	1	1
Hay fork carriers or cars	2,797	108,003	1	1
Track for hay carriers (feet)	124,468	42,752	1	1
Stable stalls and livestock pens (without stanchion units)	47,825	498,541	1	1
Cattle stanchions	54,196	269,650	8,450	39,994
Milking room stalls	182	29,622	76	11,932
Stock watering cups and bowls	70,392	389,335	12,459	64,912
Stock tank heaters — wood or coal	526	7,511	526	7,511
Watering troughs for livestock (except poultry)	8,420	162,195	6,196	125,344
Ventilation fans (barn, poultry, etc.)	345	22,157	1	1
Miscellaneous barn equipment	—	649,971	—	277,997
Poultry farm equipment, total	—	734,401	—	143,676
Incubators	1	1	1	1
Brooders:				
Coal or wood	277	7,459	1	1
Oil	3,678	104,554	1,323	21,617
Electric	6,100	127,950	1,228	16,332
Battery or multiple type	314	11,707	1	1
Egg handling equipment	789	35,355	1	1
Feeders and waterers for poultry	182,059	335,021	69,986	72,899
Miscellaneous poultry farm equipment	—	112,355	—	32,828
Miscellaneous farm equipment, total	—	2,583,698	—	1,328,730
Beekoper's	—	159,548	—	51,335
Animal clippers and shears, power	1	1	1	1
Sheep shears, power	1	1	1	1
Electric fence controllers	13,516	126,675	1	1
Wagon unloaders	381	45,499	40	6,362
Wood sawing machines	1,805	325,841	332	45,414
Electric lighting plants:				
32 volts	1	1	1	1
110 volts	1	1	1	1
Farm freezers (electric)	1	1	—	—
Post hole diggers	1,141	136,883	914	92,846
Miscellaneous equipment	—	1,789,252	—	1,132,773

1. Included in "All Other" category of its group.

FARM IMPLEMENT AND EQUIPMENT SALES

U-11

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1948-1954

Type of implement	1948		1949		1950		1951		1952		1953		1954	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Planting, seeding, and fertilizing machinery, total	—	7,023	—	8,138	—	8,906	—	9,516	—	9,151	—	8,130	—	5,707
In planters	842	134	831	171	853	138	1,072	244	827	190	841	196	782	180
In and fertilizer drills (combination)	2,620	598	4,030	1,042	4,407	1,473	5,119	2,111	4,015	1,460	2,650	1,049	1,582	684
In drills:														
Main	7,188	2,761	6,009	2,619	5,886	2,941	6,284	2,824	5,214	2,979	3,604	2,179	2,054	1,025
Press	1,441	658	2,295	1,173	2,437	1,142	2,103	1,037	2,426	1,392	2,930	1,747	2,000	1,211
Fertilizer and lime sowers	2,750	342	2,494	349	1,458	169	1,929	246	1,335	245	1,661	289	1,220	207
Pure spreaders:														
Power take-off, 2-wheel											1,587	587	924	399
4-wheel											358	130	158	79
Ground drive, 2-wheel	9,210	2,069	9,904	2,453	9,682	2,539	9,547	2,728	8,218	2,604	3,729	1,191	3,676	1,185
Horse drawn											1,553	468	1,167	344
Ploughs, total	—	11,961	—	17,938	—	15,228	—	15,454	—	18,235	—	16,870	—	10,201
Oldboard ploughs, tractor drawn:														
Two furrow	7,413	1,071	15,364	2,396	7,687	1,258	6,061	1,147	4,925	1,006	2,553	527	1,485	307
Three furrow	5,795	1,133	9,901	2,278	8,998	2,150	7,937	2,072	6,459	1,799	4,040	1,165	2,282	667
Four furrow or larger	2,346	689	3,477	1,202	2,527	899	2,202	835	2,022	837	1,913	823	1,020	449
Oldboard ploughs, tractor mounted	12,605	1,333	10,089	991	13,326	1,792	11,974	2,208	12,657	2,003	8,745	1,436	6,953	1,057
e-way discs (without seed boxes)—Under 5' and over 5' and over	10,012	3,907	15,095	6,916	10,369	4,609	6,743	2,943	6,235	3,030	3,361	1,507	1,930	911
e-way discs (with seed boxes) — Under 5' and over 5' and over	6,625	3,006	6,324	3,301	4,041	2,642	1,655	958	2,127	1,400	1,880	1,246	401	274
skers (without seed boxes) — Under 10' and over 10' and over											371	156	143	77
skers (with seed boxes) — Under 10' and over 10' and over	1	1	1	1	1	1	6,084	3,883	8,894	7,179	1,843	1,222	1,255	830
											949	621	764	607
											7,682	6,999	4,431	3,751
Tilling, cultivating, and weeding machinery, total	—	9,337	—	12,241	—	13,202	—	12,508	—	10,137	—	10,696	—	7,644
ag harrows (sections)	71,665	590	78,314	953	63,167	654	55,899	654	53,570	819	67,317	1,208	61,830	1,170
ring tooth harrows (sections)	13,719	547	11,633	416	10,342	414	11,868	537	9,837	465	7,824	388	8,315	380
sc harrows tractor drawn	15,792	2,392	22,440	4,424	17,580	4,727	17,870	4,767	13,253	2,858	9,744	2,208	5,953	1,643
oil pulverizers and packers	1	1	1	1	5,322	743	4,678	402	6,850	543	5,373	633	3,947	385
ailers packers											2,392	119	51	4
cultivators:														
Corn cultivators, tractor mounted	5,183	607	3,509	386	2,577	346	2,648	423	2,615	417	1,947	335	1,615	249
Field cultivators, tractor drawn	11,201	2,422	16,542	3,906	20,644	5,076	16,619	3,858	13,690	3,679	13,462	4,385	8,263	2,744
Beat, bean, and vegetable cultivators:														
Horse or tractor drawn	2,725	119	237	31	232	43	568	108	357	67	1	104	540	125
Tractor mounted	783	57	744	61	1,029	139	354	32	732	104	541	218	700	127
od weedeers	2,835	399	2,431	416	1,782	356	1,655	260	1,367	242	1,186	218	1,273	122
ade weedeers	1	1	343	52	314	143	2,587	389	2,384	194	2,072	171	1,273	122
Haying machinery, total	—	9,351	—	10,569	—	10,610	—	14,844	—	17,230	—	19,787	—	17,730
owers:														
Horse drawn	10,497	1,358	8,464	1,211	5,366	736	4,074	692	2,274	360	1,450	221	795	122
Tractor drawn	2,594	531	3,150	708	5,207	1,118	7,036	1,601	9,204	2,205	6,428	1,566	5,347	1,339
Tractor mounted	7,999	1,188	8,618	1,382	4,256	733	4,661	898	6,459	1,333	6,211	1,384	5,128	1,174
ay loaders	6,543	1,112	7,158	1,348	6,180	1,226	7,048	1,427	6,013	1,339	4,201	1,019	2,279	566
ump rakes	7,336	493	7,686	562	6,449	483	5,615	454	5,572	503	2,764	255	1,537	148
de delivery rakes:														
Horse or tractor drawn	4,478	833	5,509	1,108	6,698	1,427	8,224	1,956	8,761	2,125	8,338	2,106	8,238	2,225
Power take-off			680	220	509	171	1,222	369	905	316	1,018	356	594	202
ractor loaders (with hay sweep, stacker, or manure bucket)	2,855	1,183	2,398	1,218	1,924	991	4,119	2,039	5,158	2,080	6,932	3,136	5,070	2,047
ick-up hay balers:														
Power take-off:														
Wire									74	132				
Twine									1,364	1,466	2,954	3,347	4,043	4,695
Engine driven:	1,709	2,505	1,914	2,568	2,509	3,538	3,110	5,235	382	891	342	740	250	580
Wire									2,095	4,108	3,120	5,127	2,773	4,186
Twine														
Harvesting machinery, total	—	36,047	—	39,088	—	44,243	—	58,641	—	74,336	—	69,580	—	26,195
Combine reaper threshers:														
Six feet and under:														
Power take-off	1,442	1,341	938	1,000	1,236	1,372	1,950	1,916	1,570	1,912	1,309	1,477	702	853
Engine driven	2,360	2,848	2,711	3,761	2,851	4,174	3,390	5,444	4,733	7,731	3,634	6,001	696	1,195
Over six feet to ten feet:														
Power take-off											584	956	379	604
Engine driven											1,240	2,664	602	1,320
Over ten feet:														
Power take-off	2,498	4,901	2,590	5,332	2,730	6,068	2,192	5,828	2,754	6,522	679	2,103	249	686
Engine driven														
Self-propelled:														
Ten feet and under	6,039	18,418	5,746	19,652	6,170	22,961	7,965	33,011	10,585	45,631	9,216	34,443	716	2,712
Over ten feet	7,698	3,912	7,926	4,164	7,714	4,310	8,866	5,125	10,160	6,433	8,905	6,252	4,081	2,917
Swathers or windrowers														
rain binders:														
Ground drive	6,304	2,111	4,367	1,701	3,483	1,349	3,314	1,548	3,151	1,503	1,903	1,082	1,056	808
Power take-off	2,132	1,006	2,852	1,510	3,309	1,841	2,993	1,735	1,968	677	1,821	2,247	1,536	1,914
Storage crop harvesters, including corn	381	339	504	593	847	907	1,408	1,573	2,079	2,258	1,821	2,247	1,536	1,914

1. Not available.

MERCHANDISING AND SERVICES

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1948-1954 - Concluded

Type of implement	1948		1949		1950		1951		1952		1953		1954	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Machines for preparing crops for market or use, total.....	-	5,904	-	7,822	-	8,487	-	11,382	-	11,324	-	7,716	-	4,501
Threshers:														
With feeder and blower.....	1,798	2,408	2,349	3,685	2,245	3,480	2,687	4,539	2,410	4,102	1,123	1,913	607	9,151
Ensilage cutters.....	836	307	1,088	490	1,441	711	1,083	522	687	336	539	295	397	1,151
Grain grinders:														
6" or less.....	854	118	580	92	645	99	720	115	287	36	140	18	111	1,151
Over 6".....	3,642	208	5,312	330	3,604	221	5,071	321	4,621	316	3,384	212	3,230	1,151
Cleaners for grain:														
Hand and power.....	3,838	442	4,284	545	2,339	300	3,491	442	3,291	439	3,558	495	2,484	3,151
Hammermills.....	3,843	569	3,963	711	3,957	815	4,587	943	5,106	1,030	2,851	542	2,583	5,151
Feed mixers.....	1,102	118	1,863	90	1,647	108	1,456	146	2,340	120	2,344	108	1,897	5,151
Tractors and engines, total.....	-	63,065	-	102,026	-	98,001	-	92,662	-	89,992	-	85,261	-	55,101
Wheel tractors: (Standard and row crop)														
9 H.P. or under.....											739	607	446	3,151
10 H.P. to 14 H.P. incl.											1,485	1,907	1,255	1,501
15 H.P. to 18 H.P. incl. - Diesel.....											4,542	5,868	5,630	7,501
All other.....											26	67	72	1,151
19 H.P. to 22 H.P. incl. - Diesel.....											9,129	13,865	3,631	5,601
All other.....											1,276	2,861	256	6,151
23 H.P. to 27 H.P. incl. - Diesel.....	45,124	57,882	62,205	94,709	55,835	91,454	49,552	86,929	44,103	84,077	5,221	10,122	4,029	7,501
All other.....											2,123	6,837	1,404	4,401
28 H.P. to 34 H.P. incl. - Diesel.....											10,928	23,532	4,589	9,801
All other.....											1,862	6,664	1,877	6,901
Over 34 H.P.											1,796	5,225	2,169	5,501
Crawler tractors:														
Under 25 H.P.											566	1,170	694	1,601
Diesel.....											459	2,005	139	6,151
All other.....											12	42	8	1,151
25 H.P. to 35 H.P. incl. - Diesel.....	471	1,340	1,255	4,571	1,232	4,942	988	3,542	1,218	3,795	251	1,697	103	1,151
All other.....											251	1,697	103	1,151
Over 35 H.P.											251	1,697	103	1,151
Garden tractors (including rotary tiller).....	9,526	1,987	6,493	1,675	3,854	811	4,205	1,040	5,888	1,057	6,409	1,857	6,931	1,401
Water systems and pumps, total.....	-	5,801	-	5,387	-	5,375	-	5,938	-	6,203	-	6,605	-	6,101
Hand well pumps (wood or metal).....	12,647	208	14,559	259	11,839	197	11,806	180	7,504	141	7,656	142	6,437	1,151
Domestic water systems:														
Deep well (except jets).....	2,911	477	4,002	580	2,419	431	2,667	481	2,231	468	3,044	724	2,099	3,151
Shallow well (except jets).....	40,995	3,599	33,260	3,026	34,821	2,998	30,467	2,849	28,955	3,307	30,790	3,277	31,541	3,151
Jet type.....	2,614	371	3,166	453	3,266	499	4,277	666	4,133	575	6,477	835	7,219	1,151
Dairy machinery and equipment, total.....	-	4,287	-	4,005	-	4,034	-	3,398	-	3,011	-	3,566	-	3,401
Milking machines (complete equipment less milker pail units).....	8,112	831	6,619 ²	1,385 ²	4,636 ²	994 ²	5,160 ²	1,133 ²	3,875	497	4,580	539	4,564	1,151
Milker pail units.....	12,834	939	3,462 ²	248 ²	1,779 ²	173 ³	1,204 ³	82 ³	8,062	588	9,332	748	10,183	1,151
Cream separators:														
300 lb and under.....	5,147	168	2,835	99	1,817	59	1,479	51	1,638	66	1,504	63	1,156	1,151
Over 300 lb.....	18,450	1,738	15,603	1,628	10,915	1,231	13,135	1,487	10,305	1,163	11,757	1,277	10,926	1,151
Farm milk coolers:														
Electrical refrigeration type.....	1,426	436	1,443	486	2,250	756	1,692	555	1,153	419	1,750	721	1,593	1,151
Surface type.....					527	22	1	1	1	1	224	15	1	1,151
Butter churns (farm use).....	7,977	112	4,267	76	2,764	50	2,693	62	2,739	65	1,950	13	2,079	1,151
Poultry farm equipment, total.....	-	475	-	467	-	318	-	532	-	454	-	655	-	3,401
Brooders:														
Coal or wood.....	1,981	35	2,779	46	706	12	866	20	849	22	704	18	277	1,151
Oil.....	4,757	78	3,579	90	3,432	70	4,094	119	2,612	67	3,723	93	3,678	1,151
Electric.....	2,260	58	1,550	56	1,989	47	2,545	82	2,127	57	3,145	87	6,100	1,151
Battery or multiple type.....	515	25	221	13	200	11	194	11	156	8	92	9	314	1,151

1. Not available.

2. Complete equipment including milker pail units.

3. Milker pail units (sold separately).

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Canada Statistics;
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CANADA

FARM IMPLEMENT AND EQUIPMENT SALES 1955



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services.

Volume III consists of the following parts with individual trade reports listed under each:

Part I — Wholesale Statistics

- A — Wholesale Trade, 25¢
- B — Operating Results of Food Wholesalers, 25¢
- C — Operating Results of Dry Goods, Piece Goods and Footwear Wholesalers, 25¢
- D — 1 Operating Results of Automotive Parts and Accessories Wholesalers, 25¢
 - 2 Operating Results of Drug Wholesalers, 25¢
 - 3 Operating Results of Hardware Wholesalers, 25¢
 - 4 Operating Results of Plumbing and Heating Supply Wholesalers, 25¢
 - 5 Operating Results of Household Appliance & Electrical Supply Wholesalers, 25¢

Part II — Retail Statistics

- E — General Review — (Discontinued)
- F — Retail Trade, 50¢
- G — Retail Chain Stores, 50¢
- H — Operating Results of Food Store Chains, 25¢
- I — Operating Results of Clothing Store Chains, 25¢
- J — 1 Operating Results of Variety Store Chains, 25¢
 - 2 Operating Results of Drug Store Chains, 25¢
 - 3 Operating Results of Furniture Store Chains, 25¢
- *K — Operating Results of Independent Food Stores, 25¢
- *L — Operating Results of Independent Clothing Stores, 25¢
- *M — Operating Results of Independent Hardware, Furniture, Appliance, Radio and Television Stores, 25¢
- *N — Operating Results of Filling Stations and Garages, 25¢
- *O — 1 Operating Results of Independent General Stores, 25¢
 - 2 Operating Results of Independent Restaurants, 25¢
 - 3 Operating Results of Independent Fuel Dealers, 25¢
 - 4 Operating Results of Independent Drug Stores, 25¢
 - 5 Operating Results of Independent Jewellery Stores, 25¢
 - 6 Operating Results of Independent Tobacco Stores, 25¢
- P — Retail Credit, 25¢

Part III — Services and Special Fields

- Q — Laundries, Cleaners and Dyers, 25¢
- R — Motion Picture Theatres, Exhibitors and Distributors, 25¢
- S — Hotels, 25¢
- T — Sales Financing, 25¢
- U — Farm Implement and Equipment Sales, 25¢
- V — New Motor Vehicle Sales and Motor Vehicle Financing, 25¢
- W — Advertising Agencies (Memorandum), 10¢
- X — Motion Picture Production (Memorandum), 10¢

The reports are punched to permit of filing in a ring binder.

* Biennial reports — not issued for 1955.

NOTES

Sales reported in this series include only original sales of machinery in Canada. Manufacturers report only sales of goods of their own manufacture or of goods which they imported. Distributors report only sales of goods imported directly by them. Figures include sales made to Canadian customers only; export sales have been excluded.

Value figures represent wholesale values.

Used machinery, binder twine, and motor trucks are not included.

Sales of attachments have been included with the machines for which they were sold.

FARM IMPLEMENT AND EQUIPMENT SALES

1955

Canadian sales of farm implements and equipment during 1955 amounted to \$155,115,882. Compared to 1954 this amount showed an increase of \$8,413,187 or 5.7 per cent. It should be noted that 1953 and 1954 sales both registered a decrease over the previous year. Saskatchewan with a decrease of 11.4 per cent was the only province showing a drop in sales. British Columbia registered the highest increase in sales with 23.0 per cent and Manitoba the smallest with 0.7 per cent.

The distribution of sales by major groups showed that nine groups registered gains over the preceding year while the other five groups registered declines. The largest gain (22.7 per cent) occurred in haying machinery and the largest decrease (19.4 per cent) in ploughs. The ratio of sales for the Prairie Provinces to total Canadian sales was 50.0 per cent the lowest since this

series began in 1936. Ratios of the Prairies to Canada total for commodity groups are shown in Table 3. Separate sales data for the Prairies for these commodities were first collected in 1945.

Sales of repair parts in 1955 increased 4.1 per cent to \$28,451,964 from \$27,335,796 recorded for the previous year. Newfoundland and Saskatchewan were the only provinces which did not share in this increase. The other provinces had increases ranging from 3.7 per cent in Ontario to 20.3 per cent in British Columbia.

Dollar values are stated at wholesale prices and information submitted by reporting firms indicates an average retail mark-up of 22.3 per cent and 33.3 per cent would produce approximate retail sales respectively for sales of farm implements and equipment and sales of repair parts.

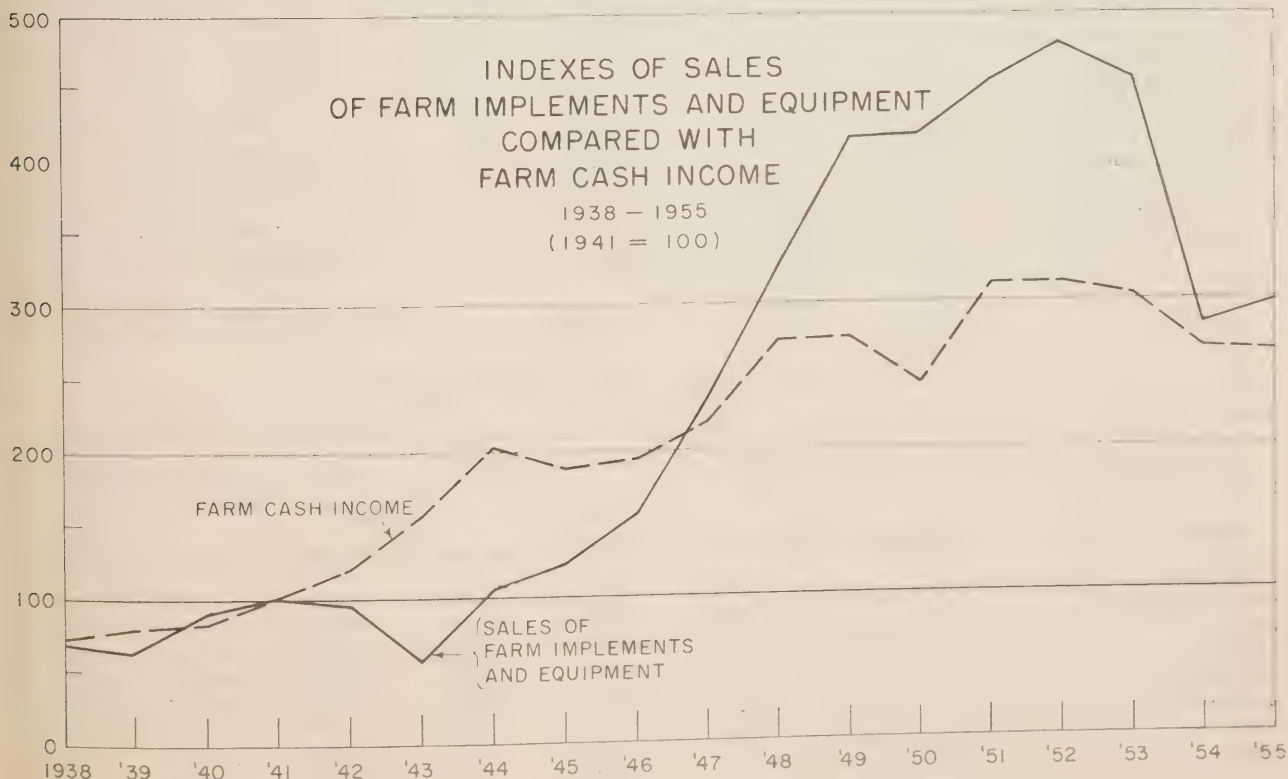


TABLE 1. Farm Implement and Equipment Sales, by Provinces, 1949-1955

(Values at wholesale prices)

Province	1949	1950	1951	1952	1953	1954	1955
	\$	\$	\$	\$	\$	\$	\$
Canada	217,089,685	218,187,120	235,620,345	250,277,241	238,050,354	146,702,695	155,115,882
Newfoundland	5,399,111	95,468	119,945	254,276	281,712	269,246	343,876
Maritime Provinces		5,850,741	6,769,116	8,864,275	7,563,698	4,987,275	6,485,628
Quebec	16,557,442	19,137,999	23,816,008	23,745,129	20,587,165	16,942,850	21,713,939
Ontario	47,775,991	51,922,436	58,736,885	51,448,643	45,442,835	39,360,291	43,819,906
Manitoba	37,474,620	29,308,664	31,698,964	31,578,047	28,030,312	15,538,264	15,652,835
Saskatchewan	59,629,464	62,629,271	61,147,757	75,859,527	80,333,503	37,371,962	33,113,149
Alberta	44,459,129	45,117,409	48,267,092	53,505,361	51,302,523	28,017,559	28,800,919
British Columbia	5,693,928	4,125,132	5,064,558	5,021,983	4,508,606	4,215,248	5,185,630

TABLE 2. Farm Implement and Equipment Sales, by Major Groups, 1954 and 1955

(Values at wholesale prices)

Major group	Canada			Prairie Provinces			
	1954	1955	Per cent change 1955/1954	1954	1955	Per cent change 1955/1954	Percentage of Canada total 1955
	\$	\$	%	\$	\$	%	%
All types, total	146,702,695	155,115,882	+ 5.7	80,927,785	77,566,903	- 4.2	50.0
Planting, seeding, and fertilizing machinery	5,707,091	5,355,307	- 6.2	2,532,014	1,734,539	- 31.5	32.4
Ploughs	10,201,207	8,225,170	- 19.4	8,042,941	5,414,046	- 32.7	65.8
Tilling, cultivating, and weeding machinery	7,643,885	7,016,388	- 8.2	4,910,585	4,003,969	- 18.5	57.1
Haying machinery	17,729,936	21,756,442	+ 22.7	7,882,831	9,684,491	+ 22.9	44.5
Harvesting machinery	26,194,827	27,687,200	+ 5.7	18,952,779	21,774,845	+ 14.9	78.6
Machines for preparing crops, for market or use	4,581,470	4,850,939	+ 5.9	2,642,614	2,784,617	+ 5.4	57.4
Tractors and engines	55,167,799	58,759,930	+ 6.5	30,659,973	27,157,048	- 11.4	46.2
Spraying and dusting equipment	1,850,814	1,995,660	+ 7.8	635,012	492,376	- 22.5	24.7
Farm wagons, trucks and sleighs	1,643,289	1,433,265	- 12.8	538,178	395,675	- 26.5	27.6
Water systems and pumps	6,726,346	7,860,026	+ 16.9	1,403,735	1,230,234	- 12.4	15.7
Dairy machinery and equipment	3,414,180	3,952,773	+ 15.8	727,027	846,519	+ 16.4	21.4
Barn equipment	2,523,752	2,670,882	+ 5.8	527,690	567,159	+ 7.5	21.2
Poultry farm equipment	734,401	631,316	- 14.0	143,676	134,081	- 6.7	21.2
Miscellaneous farm equipment	2,583,698	2,920,584	+ 13.0	1,328,730	1,347,304	+ 1.4	46.1

TABLE 3. Sales of Repair Parts, by Provinces, 1949-1955

(Values at wholesale prices)

Province	1949	1950	1951	1952	1953	1954	1955
	\$	\$	\$	\$	\$	\$	\$
Canada	28,104,505	29,862,034	28,772,869	31,231,946	31,818,818	27,335,796	28,451,964
Newfoundland	711,997	17,272	20,524	41,002	30,974	47,518	36,164
Maritime Provinces		1,084,897	780,653	940,324	952,502	925,354	977,342
Quebec	1,837,644	2,746,377	2,424,565	2,446,112	2,632,097	2,513,373	2,740,685
Ontario	5,182,703	6,038,045	6,166,312	6,165,581	6,091,975	6,008,045	6,233,131
Manitoba	4,143,931	3,801,813	3,802,524	3,809,424	3,963,885	3,315,757	3,535,101
Saskatchewan	8,939,587	8,035,003	8,230,364	9,762,610	10,104,946	7,899,989	7,893,314
Alberta	6,724,015	7,186,798	6,820,867	7,378,116	7,457,431	6,025,669	6,314,449
British Columbia	564,628	951,829	527,060	688,777	585,008	600,091	721,778

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1955
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
All types, total	—	155,115,882	—	77,566,903
Planting, seeding and fertilizing machinery, total	—	5,355,307	—	1,734,539
Corn planters:				
Horse or tractor drawn	750	200,313	1	1
Tractor mounted	419	72,258	1	1
Potato planters	250	110,061	28	12,328
Vegetable seeders (radish, onions, lettuce, etc.)	1	1	—	—
Transplanters	332	81,622	—	—
Beet and bean drills (all types)	1	1	1	1
Grain and fertilizer drills (combination)	1,512	736,244	36	15,024
Grain drills:				
Plain	1,294	580,892	913	496,947
Press	1,186	760,080	1,180	757,020
Broadcast seeders, horse or tractor drawn	422	19,412	—	—
Fertilizer and lime sowers, horse or tractor drawn	1,129	213,272	1	1
Anhydrous ammonia applicators	70	48,884	1	1
Manure spreaders:				
Power take-off:				
2-wheel	1,426	638,613	194	102,745
4-wheel	184	85,828	65	39,950
Ground drive, 2-wheel	4,138	1,358,744	546	184,157
Horse-drawn	1,057	319,837	121	41,162
All other planting, seeding and fertilizing machinery	—	129,247	—	85,206
Ploughs, total	—	8,225,170	—	5,414,046
Mouldboard ploughs:				
Horse drawn (walking ploughs), one furrow	262	7,160	—	—
Tractor drawn:				
One furrow	63	9,655	1	1
Two furrow	1,460	297,704	156	35,850
Three furrow	2,046	611,451	874	282,206
Four furrow or larger	806	364,345	698	318,446
Tractor mounted:				
One furrow	1,138	119,029	1	1
Two furrow	5,210	854,832	232	41,867
Three furrow or larger	2,160	536,156	461	120,031
Disc ploughs:				
Tractor drawn	176	73,389	90	50,202
Tractor mounted	237	60,151	41	16,331
One-way discs:				
Under 5'	219	68,713	79	23,833
5' and over	1,104	567,574	1,064	558,173
Seed boxes for one way discs:				
Under 5'	54	8,317	53	8,247
5' and over	167	23,031	165	22,754
Diskers:				
Under 10'	607	293,311	574	290,974
10' and over	3,850	2,438,688	3,846	2,435,706
Seed boxes for diskers:				
Under 10'	353	57,242	353	57,242
10' and over	2,468	587,931	2,467	587,749
Breaker ploughs	117	38,153	1	1
Rotary tillers:				
Garden (under 10 H.P. approx.)	4,294	694,795	1,482	225,005
Field (10 H.P. and over, P.T.O. or engine)	127	72,852	1	1
All other ploughs	—	440,691	—	339,430
Tilling, cultivating and weeding machinery, total	—	7,016,388	—	4,003,969
Harrows:				
Drag harrows (sections)	34,685	731,489	26,217	585,166
Spring tooth harrows (sections)	7,378	292,516	2,082	68,225
Disc harrows:				
Horse drawn	1	1	—	—
Tractor drawn:				
Single	178	41,041	75	17,074
Tandem	5,902	1,423,277	1,412	451,619
Tractor mounted:				
Single	215	26,642	56	4,190
Tandem	1,336	261,321	70	17,025
Land rollers	143	26,190	1	1
Soil pulverizers and packers (8 ft. and over)	704	99,834	259	28,559
Trailer packers (sections) (under 8 ft.)	1,890	110,591	1,826	106,286
Scufflers and cultivators:				
Scufflers	584	10,977	1	1
Row crop cultivators (corn, beet, bean, etc.):				
Horse or tractor drawn:				
One row	206	22,534	1	1
Two row	196	44,517	—	—

1. Included in "All other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1955 - Continued
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value \$	Number of units	Value \$
Tilling, cultivating and weeding machinery, total - concluded				
Scufflers and cultivators - concluded:				
Tractor mounted:				
One row	1,982	357,604	45	6,842
Two row				
Power driven:				
Four row	152	16,429	1	1
With rotating teeth	—	—	—	—
Field cultivators:				
Tractor drawn:				
Conventional type	4,087	932,070	2,339	582,929
Heavy duty, deep tillage type	3,956	1,784,680	3,694	1,709,578
Tractor mounted	2,271	430,411	593	163,088
Garden hand type cultivators	225	7,650	1	1
Hillers (all types)	234	5,905	1	1
Rod weeders	709	128,672	702	127,874
Blade weeders, field (tractor drawn or mounted)	198	84,259	1	1
Finger and tine weeders	1	1	1	1
Rotary hoes (ground driven, teeth or wheel)	783	70,118	1	1
All other cultivating and tillage machinery	—	107,611	—	135,514
Haying machinery, total	—	21,756,442	—	9,684,491
Mowers:				
Horse drawn	671	107,857	148	24,144
Tractor semi-mounted, 1 or 2 castor wheels	6,492	1,636,492	3,870	968,411
Tractor mounted	5,315	1,217,012	1,302	309,935
Dump rakes	1,294	125,658	544	57,730
Side delivery rakes:				
Horse or tractor drawn - ground driven	9,749	2,838,249	3,337	1,010,740
Power take-off - tractor drawn	531	188,808	341	123,961
- semi-mounted	1	1	1	1
- mounted	1	1	1	1
Hay loaders	1,667	412,244	76	20,506
Hay or stook sweeps, tractors	216	31,261	81	14,365
Tractor loaders (with haysweep, stacker or manure bucket)	6,047	2,586,661	2,157	1,199,259
Pick-up hay balers:				
Power take-off - Wire	5,608	6,989,164	3,021	3,628,031
- Twine				
Engine driven - Wire	170	375,329	23	51,657
- Twine	3,157	4,539,914	1,423	2,026,856
Field bale loaders	536	136,795	400	100,014
Elevators or conveyors (primarily for baled hay)	1,675	485,344	273	116,233
All other haying machinery	—	85,654	—	32,649
Harvesting machinery, total	—	27,687,200	—	21,774,845
Combine reaper threshers:				
Six feet and under:				
Power take-off	743	912,624	90	134,218
Engine driven	629	780,994	404	495,144
Over six feet to ten feet inclusive:				
Power take-off	508	916,654	266	553,225
Engine driven	537	1,205,866	409	951,809
Over ten feet:				
Power take-off	—	—	—	—
Engine driven	404	1,056,493	404	1,056,493
Self-propelled:				
Ten feet and under	503	1,873,779	279	1,007,476
Over ten feet	3,146	13,965,355	3,060	13,572,865
Swathers and windrowers:				
Tractor drawn	3,957	2,491,771	3,824	2,425,694
Self-propelled	534	760,600	511	726,000
Grain binders	791	412,753	303	195,591
Corn binders	—	—	—	—
Corn pickers:				
Tractor drawn	288	235,405	—	—
Tractor mounted and self-propelled	284	350,819	1	1
Picker sheller (combination)	1	1	—	—
Forage crop harvesters (including corn):				
Basic machine (flywheel or cylinder type):				
Cutter bar hay units	363	481,838	183	225,006
Pick-up hay units	319	432,538	122	154,327
Row crop units	198	247,995	13	17,283
Shredder or hammer mill type	522	602,575	37	34,271
Rotary type	63	73,770	—	—
Forage crop blowers	589	252,168	65	30,313
Potato diggers:				
Ground driven	110	14,977	—	—
Power take-off	324	168,638	22	10,598
Potato harvesters (pickers and combines)	203	92,394	1	1
Shredders (for corn stalks, orchard prunings and for mowing)	57	23,252	1	1
Beet lifters, horse or tractor drawn	49	4,924	15	1,204
Beet harvesters	55	137,427	51	128,189
Beet loaders	—	—	—	—
Vegetable harvesters (other than for beets and potatoes)	70	43,935	1	1
All other harvesting machinery	—	147,656	—	45,139

1. Included in "All other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1955 — Continued
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value \$	Number of units	Value \$
Machines for preparing crops for market or for use, total	—	4,850,939	—	2,784,617
Threshers:				
With feeder and blower	538	1,004,724	53	108,336
All other	1	1	—	—
Ensilage cutters (combination cutter blower)	345	190,763	168	98,618
Feed or roughage cutters, hand and power	131	74,362	124	71,301
Corn shellers:				
Hand	1	1	—	—
Power	31	13,138	—	—
Grain grinders:				
6" or less	158	23,782	3,164	195,776
Over 6"	3,776	234,671	—	—
Rollers or crushers (grain)	440	76,388	131	33,894
Cleaners for grain:				
Hand (fanning mills)	702	72,451	702	72,451
Power	1,521	242,918	1,520	242,613
Hammer mills:				
Electric driven	120	17,845	27	4,310
P.T.O.	521	129,114	425	102,687
Belt driven	2,152	411,079	1,097	231,559
Feed mixers	1,976	98,032	1,057	43,862
Sorters and graders:				
Potatoes (mainly)	42	13,608	—	—
Fruit and vegetable	78	62,029	—	—
Maple syrup evaporators	615	237,950	—	—
Maple syrup furnaces	1	1	—	—
Crop dryer with heating units (for grain, hay, etc.)	1	1	—	—
Grain elevators:				
Bucket type	550	102,195	269	30,887
Auger type	12,840	1,526,776	11,505	1,481,347
Seed treaters	2,487	43,969	2,487	43,969
All other machines for preparing crops for market or for use	—	275,145	—	23,007
Tractors and engines, total	—	58,759,930	—	27,157,048
Wheel tractors: (Standard and row crop)				
9 H.P. or under	323	278,549	42	32,458
10 H.P. to 14 H.P. incl.	888	1,040,084	65	75,877
15 H.P. to 18 H.P. incl.	3,938	5,737,665	403	649,264
— Diesel	88	179,370	312	554,056
— All other	1,965	3,214,621	213	500,855
19 H.P. to 22 H.P. incl.	819	1,778,519	1,676	3,339,601
— Diesel	5,481	10,040,170	1,409	4,570,403
— All other	1,793	5,491,763	3,379	7,655,343
28 H.P. to 34 H.P. incl.	7,432	15,263,768	1,284	4,729,014
— Diesel	1,680	5,901,300	952	2,710,777
— All other	1,418	3,910,408	—	—
Over 34 H.P.	—	—	—	—
Crawler tractors:				
Under 25 H.P.	1,117	2,547,221	231	690,267
— Diesel	172	854,484	20	137,736
— All other	22	145,343	111	720,724
25 H.P. to 35 H.P. incl.	118	764,381	—	—
Over 35 H.P.	—	—	—	—
Garden tractors (rotary tillage types included under ploughs):				
One and two wheel	3,123	688,086	749	152,360
Four wheel	30	15,743	—	—
Gas engines and power units:				
Less than 5 H.P.	6,862	400,769	4,155	245,679
5 H.P. to 20 H.P. incl.	2,003	391,333	1,729	357,145
Over 20 H.P.	119	116,353	29	35,489
Spraying and dusting equipment (orchard or garden), total	—	1,995,660	—	492,376
Sprayers:				
Garden (hand, pack, sack, barrel and wheel-barrow)	46,403	128,832	10,880	19,497
Field (weed, low volume, low pressure)	3,061	587,124	1,401	365,749
Row crop (all types)	329	92,337	13	18,878
Orchard:				
High pressure — Under 15 gal. P.M. capacity	132	81,354	1	1
— 15 gal. and over P.M. capacity	396	249,743	1	1
Air blast sprayers	204	524,982	1	1
Air blast attachments	111	128,764	1	1
Other	—	128,969	—	55,561
Dusters:				
Garden (hand)	1,807	9,261	1	1
Field (incl. row crop)	1	1	1	1
Orchard	1	1	1	1
Other	—	64,294	—	32,691

1. Included in the "All other" category of its group

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1955 - Concluded
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Farm wagons, trucks and sleighs, total	—	1,433,265	—	395,675
Wagon boxes	261	22,970	244	17,849
Wagon gears (wood and steel wheel)	1,206	180,031	334	62,821
Gears or trailers - Pneumatic wheels (with or without tires)	8,835	1,104,096	2,496	263,515
Forage boxes	60	20,543	1	1
All other farm wagons, sleighs and trucks	—	105,625	—	51,490
Water systems and pumps, total	—	7,860,026	—	1,230,234
Hand well pumps (wood or metal)	10,754	141,255	2,427	36,930
Domestic water systems:				
Deep well (except jets)	1,925	440,624	514	139,799
Shallow well (except jets)	23,806	2,474,147	3,528	318,611
Jet type	6,996	1,004,798	1,852	279,130
Windmills (heads, wheels and towers)	1	1	1	1
Pump jacks	3,619	114,136	3,364	102,238
Sprinkler irrigation equipment:				
Pump and engine units - under 5 H.P., under 50 gals P.M.	283	60,479	87	10,823
- 5 H.P. or over, 50 gals P.M. and over	649	812,286	1	1
Irrigation pipe and couplings (feet of pipe)	1,654,910	1,648,936	1	1
Irrigation sprinkler heads	34,021	180,999	1,375	9,225
All other water systems and pumps	—	982,356	—	333,473
Dairy machinery and equipment, total	—	3,952,773	—	846,519
Milking machines:				
Vacuum pumps (excluding pail units)	5,396	517,250	1,212	124,603
Milker pail units	9,644	877,707	1,621	143,330
Milk pipeline (feet)	1	1	1	1
Cream separators:				
300 lb. and under	1,002	31,899	411	12,102
Over 300 lb.	11,148	1,508,716	4,967	452,835
Farm milk coolers:				
Electrical refrigeration type:				
Standard unit	1,389	476,265	198	54,215
Bulk tank	297	420,660	26	39,787
Surface type	1	1	1	1
Butter churns (farm use)	1,771	10,791	487	2,788
Water heaters for dairy purposes	1	1	1	1
All other dairy machinery and equipment	—	109,485	—	16,859
Barn equipment, total	—	2,670,882	—	567,159
Feed and litter carriers	4,100	287,933	1	1
Track for feed and litter carriers (feet)	258,345	91,172	1	1
Hay forks and slings	2,277	25,723	1	1
Hay fork carriers or cars	2,597	122,911	1	1
Track for hay carriers (feet)	141,230	49,196	1	1
Stable stalls and livestock pens (without stanchion units)	16,410	454,625	1	1
Cattle stanchions	46,841	255,543	5,347	28,837
Milking room stalls	250	36,900	1	1
Stock watering cups and bowls	69,344	413,936	9,845	54,727
Stock tank heaters: wood or coal	1,769	21,160	1,769	21,160
Watering troughs for livestock (except poultry)	13,951	274,361	11,849	237,692
Pig self feeders	481	17,659	—	—
Ventilation fans (barn, poultry, etc.)	1,150	30,806	171	3,339
Cutter cleaners (power operated)	524	276,861	79	26,689
Miscellaneous barn equipment	—	311,995	—	194,715
Poultry farm equipment, total	—	631,316	—	134,081
Incubators	1	1	1	1
Brooders:				
Coal, wood, oil and gas	3,511	86,147	1,754	30,867
Electric	4,727	95,835	1,195	14,317
Battery or multiple type	153	7,397	29	1,067
Egg handling equipment	674	26,184	1	1
Feeders and waterers for poultry	155,305	314,662	50,538	58,204
Miscellaneous poultry farm equipment	—	101,091	—	29,626
Miscellaneous farm equipment, total	—	2,920,584	—	1,347,304
Beekeepers' supplies	—	171,413	—	58,126
Animal clippers and shears, power	1	1	1	1
Electric fence controllers	13,143	124,814	1	1
Wagon unloaders	247	42,175	1	1
Silo unloaders	1	1	—	—
Wood sawing machines	2,817	513,914	191	23,953
Electric lighting plants	388	213,112	195	123,590
Electric welders (farm units)	1	1	1	1
Farm freezers (electric)	102	35,934	—	—
Post-hole diggers (tractor or power driven)	1,233	154,415	909	94,963
Land levellers, smoothers, pull type ditchers	987	146,435	135	34,446
Steel grain storage bins	1,616	411,024	1,582	402,024
Miscellaneous equipment	—	1,107,348	—	609,392

1. Included in "All other" category of its group.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1949-1955

Type of implement	1949		1950		1951		1952		1953		1954		1955	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Planting, seeding, and fertilizing machinery, total	—	8,138	—	8,806	—	9,516	—	9,151	—	8,130	—	5,707	—	5,355
Row planters	831	171	853	168	1,072	244	827	190	841	196	782	180	1,169	272
Row and fertilizer drills (combination)	4,030	1,042	4,407	1,473	5,119	2,111	4,015	1,460	2,650	1,049	1,582	684	1,512	736
Row drills:														
Plain	6,009	2,619	5,886	2,941	6,284	2,824	5,214	2,979	3,604	2,179	2,054	1,025	1,294	581
Press	2,295	1,173	2,437	1,142	2,103	1,037	2,426	1,392	2,930	1,747	2,000	1,211	1,186	760
Fertilizer and lime sowers	2,494	349	1,458	169	1,929	246	1,335	245	1,661	289	1,220	207	1,129	213
Manure spreaders:														
Power take-off, 2-wheel	9,904	2,453	9,682	2,539	9,547	2,728	8,218	2,604	1,567	587	924	399	1,426	639
Ground drive, 2-wheel									358	130	153	79	134	86
Horse drawn									3,729	1,191	3,676	1,185	4,133	1,353
Horse drawn									1,553	468	1,167	344	1,057	319
Ploughs, total	—	17,938	—	15,228	—	15,454	—	18,235	—	16,870	—	10,201	—	8,225
Mouldboard ploughs, tractor drawn:														
Two furrow	15,364	2,396	7,687	1,258	6,061	1,147	4,925	1,006	2,553	527	1,485	307	1,460	298
Three furrow	9,901	2,278	3,993	2,150	7,937	2,072	6,459	1,799	4,040	1,165	2,282	667	2,046	611
Four furrow or larger	3,477	1,202	2,527	899	2,202	835	2,022	837	1,913	823	1,020	449	806	364
Mouldboard ploughs, tractor mounted	10,089	991	13,326	1,792	14,974	2,208	12,657	2,003	8,745	1,436	6,953	1,057	8,508	1,510
One-way discs (with and without seed boxes):														
Under 5'	21,419	10,217	14,410	7,251	8,398	3,891	8,362	4,430	727	178	278	79	219	77
5' and over									5,246	1,753	2,331	1,185	1,104	590
Discs (with and without seed boxes):														
Under 10'	1	1	1	1	6,084	3,883	8,894	7,179	1,330	777	907	684	607	350
10' and over									9,525	7,921	5,686	4,581	3,850	3,026
Tilling, cultivating, and weeding machinery, total	—	12,241	—	13,202	—	12,508	—	10,137	—	10,696	—	7,644	—	7,016
Drag harrows (sections)	78,314	953	63,167	654	55,899	654	53,570	819	67,317	1,208	61,880	1,170	34,685	731
Spring tooth harrows (sections)	11,633	416	10,342	414	11,868	537	9,837	465	7,824	388	8,315	390	7,378	293
Disc harrows tractor drawn	22,440	4,424	17,580	4,727	17,870	4,767	13,253	2,853	9,744	2,208	5,953	1,643	6,080	1,464
Soil pulverizers and packers and Tractor packers	1	1	5,322	343	4,678	402	6,850	543	7,765	752	3,998	389	2,594	210
Cultivators:														
Row crop	1,727	406	3,945	543	3,602	567	3,733	624	2,598	453	2,317	400	2,536	441
Field	19,987	4,373	22,726	5,346	18,649	4,192	15,139	3,887	15,238	4,755	10,593	3,153	10,314	3,147
Rod weedeers	2,431	416	1,732	356	1,655	260	1,367	242	1,186	218	700	127	709	129
Mowing machinery, total	—	10,569	—	10,610	—	14,844	—	17,230	—	19,787	—	17,730	—	21,756
Mowers:														
Horse drawn	20,232	3,301	14,829	2,587	15,771	3,101	17,937	3,598	14,089	3,171	11,270	2,635	671	108
Tractor semi mounted, 1 or 2 castor wheels													6,492	1,636
Tractor mounted													5,315	1,217
Hay loaders	7,158	1,348	6,180	1,226	7,048	1,427	6,013	1,330	4,201	1,019	2,279	566	1,667	412
Dump rakes	7,686	562	6,449	483	5,615	454	5,572	503	2,764	255	1,537	148	1,294	126
Side delivery rakes:														
Horse or tractor drawn — ground driven	5,509	1,108	6,698	1,427	8,224	1,956	8,761	2,125	8,388	2,106	9,238	2,225	9,749	2,838
Power take-off — tractor drawn	680	220	509	171	1,222	369	905	316	1,018	356	594	202	531	189
Tractor loaders (with hay sweep, stacker, or manure bucket)	2,398	1,218	1,924	991	4,119	2,039	5,158	2,080	6,932	3,136	5,070	2,047	6,047	2,587
Pick-up hay balers:														
Power take-off:														
Wire	1,914	2,569	2,509	3,538	3,110	5,235	74	132	2,954	3,347	4,043	4,695	5,608	6,989
Twine							1,364	1,466						
Engine driven:							382	4,108	342	740	250	560	170	375
Wire							2,095	4,891	3,120	5,127	2,773	4,186	3,157	4,540
Twine														
Harvesting machinery, total	—	39,088	—	44,243	—	58,641	—	74,336	—	69,580	—	26,195	—	27,687
Combine reaper threshers:														
Six feet and under:	933	1,000	1,236	1,372	1,950	1,916	1,570	1,912	1,309	1,477	702	853	743	913
Power take-off	2,711	3,761	2,851	4,174	3,390	5,444	4,733	7,731	3,634	6,091	696	1,105	629	781
Engine driven														
Over six feet to ten feet:														
Power take-off	2,590	5,332	2,730	6,068	2,192	5,828	2,754	6,522	594	956	379	604	508	917
Engine driven									1,240	2,664	602	1,320	537	1,206
Power take-off									—	—	—	—	—	—
Over ten feet:														
Power take-off	5,746	19,652	6,170	22,961	7,965	33,011	10,585	45,631	679	2,103	249	686	404	1,056
Engine driven									—	—	—	—	—	—
Self-propelled:									861	3,443	716	2,712	503	1,874
Ten feet and under									4,216	41,196	2,693	12,160	3,146	13,965
Over ten feet	7,926	1,164	7,714	4,310	8,866	5,125	10,160	6,433	8,905	6,252	4,081	2,916	4,491	3,252
Swathers or windrowers														
Grain binders:														
Ground drive	4,367	1,701	3,493	1,349	3,314	1,548	3,151	1,503	1,903	1,082	1,056	568	791	413
Power take-off	2,852	1,510	3,309	1,841	2,993	1,735	1,068	657						
Forage crop harvesters, including corn	504	593	547	907	1,408	1,573	2,079	2,258	1,831	2,347	1,539	1,914	1,465	1,339

1. Not available.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1949-1955 — Concluded

Type of implement	1949		1950		1951		1952		1953		1954		1955	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Machines for preparing crops for market or use, total	—	7,822	—	8,487	—	11,382	—	11,324	—	7,716	—	4,581	—	4,581
Threshers:														
With feeder and blower	2,349	3,685	2,245	3,480	2,687	4,539	2,410	4,102	1,123	1,913	607	940	538	1,000
Ensilage cutters	1,088	490	1,441	711	1,083	522	687	336	539	295	397	194	345	1,000
Grain grinders:														
6" or less	580	92	645	99	720	115	287	36	140	18	111	19	158	1,000
Over 6"	5,312	330	3,604	221	5,071	321	4,621	316	3,384	212	3,230	197	3,776	1,000
Cleaners for grain:														
Hand and power	4,284	545	2,339	300	3,491	442	3,291	439	3,558	495	2,484	370	2,223	1,000
Hammermills	3,963	711	3,957	815	4,587	943	5,105	1,030	2,851	542	2,533	510	2,793	1,000
Feed mixers	1,863	90	1,647	108	1,456	146	2,340	120	2,344	108	1,897	89	1,976	1,000
Tractors and engines, total	—	102,026	—	98,001	—	92,662	—	89,992	—	85,261	—	55,168	—	55,168
Wheel tractors: (Standard and row crop)														
9 H.P. or under									739	607	446	363	323	1,000
10 H.P. to 14 H.P. incl.									1,485	1,907	1,255	1,512	888	1,000
15 H.P. to 18 H.P. incl. — Diesel									4,542	5,868	5,630	7,582	3,938	5,000
All other									26	67	72	183	88	1,000
19 H.P. to 22 H.P. incl. — Diesel									9,129	13,865	3,531	5,653	1,965	3,000
All other									1,276	2,861	256	673	819	1,000
23 H.P. to 27 H.P. incl. — Diesel	62,205	94,709	55,835	91,454	49,552	86,929	44,103	84,077	5,221	10,122	4,029	7,594	5,481	10,000
All other									2,123	6,837	1,404	4,438	1,793	5,000
28 H.P. to 34 H.P. incl. — Diesel									10,928	23,532	4,589	9,835	7,432	15,000
All other									1,862	6,664	1,877	6,999	1,680	5,000
Over 34 H.P.									1,796	5,225	2,169	5,506	1,418	3,000
Crawler tractors:														
Under 25 H.P.									566	1,170	694	1,668	1,117	2,000
— Diesel									459	2,005	139	694	172	2,000
All other									12	42	8	28	22	1,000
25 H.P. to 35 H.P. incl. — Diesel	1,255	4,571	1,232	4,942	988	3,542	1,218	3,795	251	1,697	103	701	118	1,000
All other														
Over 35 H.P.														
— Diesel														
All other														
Garden tractors (including rotary tiller)	6,493	1,675	3,854	811	4,235	1,055	4,910	1,070	7,356	1,819	6,918	1,479	7,447	1,000
Water systems and pumps, total	—	5,387	—	5,375	—	5,938	—	6,203	—	6,605	—	6,726	—	6,726
Hand well pumps (wood or metal)	14,559	259	11,839	197	11,806	180	7,504	141	7,656	142	6,437	130	10,754	1,000
Domestic water systems:														
Deep well (except jets)	4,002	580	2,419	431	2,667	481	2,231	468	3,044	724	2,099	520	1,925	2,000
Shallow well (except jets)	33,260	3,026	34,821	2,998	30,467	2,849	28,955	3,307	30,790	3,277	31,541	3,219	23,806	2,000
Jet type	3,166	453	3,266	499	4,277	666	4,133	575	6,477	835	7,219	1,112	6,996	1,000
Dairy machinery and equipment, total	—	4,005	—	4,034	—	3,398	—	3,011	—	3,566	—	3,414	—	3,414
Milking machines (complete equipment less milker pail units)	6,619 ²	1,385 ²	4,636 ²	994 ²	5,160 ²	1,133 ²	3,875	497	4,580	539	4,564	422	5,396	1,000
Milker pail units	3,462 ³	248 ³	1,779 ³	173 ³	1,204 ³	82 ³	8,062	588	9,332	748	10,183	866	9,644	1,000
Cream separators:														
300 lb and under	2,835	99	1,817	59	1,479	51	1,638	66	1,504	63	1,156	39	1,002	1,000
Over 300 lb	15,603	1,628	10,915	1,231	13,135	1,487	10,305	1,163	11,757	1,277	10,926	1,368	11,148	1,000
Farm milk coolers (Electrical refrigeration type)	1	1	2,250	756	1,692	555	1,153	419	1,750	721	1,593	625	1,686	1,000
Butter churns (farm use)	4,267	76	2,764	50	2,693	62	2,739	65	1,950	13	2,079	14	1,771	1,000
Poultry farm equipment, total	—	467	—	318	—	532	—	454	—	655	—	734	—	734
Brooders:														
Coal, wood, oil and gas	6,358	136	4,138	82	4,960	139	3,461	89	4,427	111	3,955	112	3,511	1,000
Electric	1,550	56	1,989	47	2,545	82	2,127	57	3,145	87	6,100	128	4,727	1,000
Battery or multiple type	221	13	200	11	194	11	156	8	92	9	314	12	153	1,000

1. Not available.

2. Complete equipment including milker pail units.

3. Milker pail units (sold separately).

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Canada Statistics, Bureau of



CANADA

FARM IMPLEMENT AND EQUIPMENT SALES 1956

Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services.

Volume III consists of the following parts with individual trade reports listed under each:

Part I — Wholesale Statistics

- A — Wholesale Trade, 25¢
- *B — Operating Results of Food Wholesalers, 25¢
- *C — Operating Results of Dry Goods, Piece Goods and Footwear Wholesalers, 25¢
- *D — 1 Operating Results of Automotive Parts and Accessories Wholesalers, 25¢
 - 2 Operating Results of Drug Wholesalers, 25¢
 - 3 Operating Results of Hardware Wholesalers, 25¢
 - 4 Operating Results of Plumbing and Heating Supply Wholesalers, 25¢
 - 5 Operating Results of Household Appliance & Electrical Supply Wholesalers, 25¢

Part II — Retail Statistics

- F — Retail Trade, 50¢
- G — Retail Chain Stores, 50¢
- *H — Operating Results of Food Store Chains, 25¢
- *I — Operating Results of Clothing Store Chains, 25¢
- *J — 1 Operating Results of Variety Store Chains, 25¢
 - 2 Operating Results of Drug Store Chains, 25¢
 - 3 Operating Results of Furniture Store Chains, 25¢
- K — Operating Results of Independent Food Stores, 25¢
- L — Operating Results of Independent Clothing Stores, 25¢
- M — Operating Results of Independent Hardware, Furniture, Appliance, Radio and Television Stores, 25¢
- N — Operating Results of Filling Stations and Garages, 25¢
- O — 1 Operating Results of Independent General Stores, 25¢
 - 2 Operating Results of Independent Restaurants, 25¢
 - 3 Operating Results of Independent Fuel Dealers, 25¢
 - 4 Operating Results of Independent Drug Stores, 25¢
 - 5 Operating Results of Independent Jewellery Stores, 25¢
 - 6 Operating Results of Independent Tobacco Stores, 25¢
- P — Retail Credit, 25¢

Part III — Services and Special Fields

- Q — Laundries, Cleaners and Dyers, 25¢
- R — Motion Picture Theatres, Exhibitors and Distributors, 25¢
- S — Hotels, 25¢
- T — Sales Financing, 25¢
- U — Farm Implement and Equipment Sales, 25¢
- V — New Motor Vehicle Sales and Motor Vehicle Financing, 25¢
- W — Advertising Agencies (Memorandum), 10¢
- X — Motion Picture Production (Memorandum), 10¢

The reports are punched to permit of filing in a ring binder.

* Biennial reports — not issued for 1956.

NOTES

Sales reported in this series include only original sales of machinery in Canada. Manufacturers report only sales of goods of their own manufacture or of goods which they imported. Distributors report only sales of goods imported directly by them. Figures include sales made to Canadian customers only; export sales have been excluded.

Value figures represent wholesale values.

Used machinery, binder twine, and motor trucks are not included.

Sales of attachments have been included with the machines for which they were sold.

E R R A T A

Farm Implement and Equipment Sales, 1956

- Page U-8 - Haying Machinery, Pick-up Hay Balers:
Engine Driven and Self-propelled - Wire
Canada Value to read \$404,150 instead of \$4,041,150
- Page U-8 - Harvesting Machinery, Combine Reaper Threshers:
Self-propelled ten feet and under
Canada Value to read \$2,704,900 instead of \$2,844,900
- Page U-11 - Harvesting Machinery, Combine Reaper Threshers:
Self-propelled ten feet and under
1956 to read: number of units, 641; value, \$2,705
instead of: number of units, 648; value, \$2,712

FARM IMPLEMENT AND EQUIPMENT SALES

1956

Sales of farm implements and equipment in 1956 amounted to \$170,767,455, an increase of 11 per cent over the previous year's total of \$153,124,434. The values stated throughout this report are chiefly at wholesale prices. Information supplied by manufacturers and importer-distributors indicates an average retail mark-up of 23.7 per cent would produce a reasonably accurate estimate of expenditures by Canadian farmers on new implements and equipment during 1956. On this basis retail sales were estimated at \$211,239,000.

All but two regions of the country showed increased sales over 1955. The two exceptions were Ontario and British Columbia where sales dropped 2 per cent below 1955 levels. Sales in the Prairie Provinces contributed the largest portion of the overall Canadian increase with advances in the order of 26 per cent in Saskatchewan, 23 per cent in Manitoba and 16 per cent in Alberta. The highest rate of increase, however, occurred in Newfoundland at 28 per cent. Increases of 8 and 7 per cent were registered respectively for the Maritime Provinces and Quebec. Provincial figures from 1950 onwards are shown in Table 1 of this report.

The volume of sales by major groups of commodities decreased in five of the less important groups within a range of 1 per cent recorded for barn equipment to 29 per cent for miscellaneous

farm equipment. Poultry farm equipment, the smallest group by volume, obtained the largest percentage increase in value of sales at 50 per cent, while sales of tractors and engines, the largest group, increased only 8 per cent. Between these two extremes, noteworthy increases occurred in haying machinery with sales 37 per cent higher than 1955, harvesting machinery, and farm wagons, trucks and sleighs with 26 per cent each and dairy machinery and equipment with 21 per cent. The figures for these and other major groups of commodities will be found in Table 2 for Canada and the Prairie Provinces. It may be noted from this table that the Prairie sales represented 54 per cent of the total, up from 50 per cent in 1955. The 1956 sales by commodities will be found in Table 4 while Table 5 presents a historical series for selected commodity items only.

The sales of repair parts at \$31,824,672 were up 12 per cent in comparison with sales of \$28,451,964 in 1955. All provinces shared in this increase but particularly Quebec and Saskatchewan where sales increased 21 and 18 per cent respectively. On the basis of information supplied by reporting firms, an average retail mark-up of 36.6 per cent would produce a reasonable estimate of the amount spent by Canadian farmers on repair parts in 1956. Table 3 shows a distribution of sales of repair parts by provinces from 1950 to date.

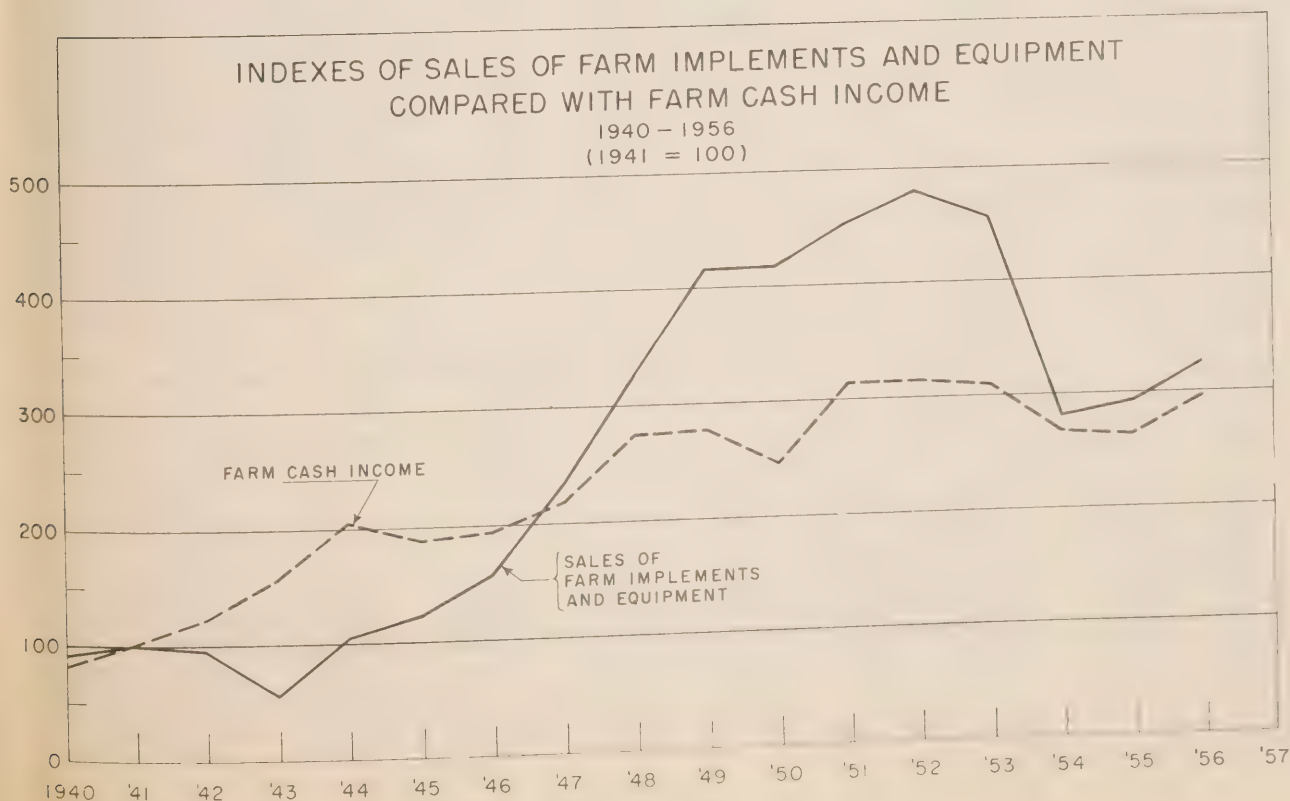


TABLE 1. Farm Implement and Equipment Sales, by Provinces, 1950-1956

(Values at wholesale prices)

Province	1950	1951	1952	1953	1954	1955 ¹	1956
	\$	\$	\$	\$	\$	\$	\$
Canada	218,187,120	235,620,345	250,277,241	238,050,354	146,702,695	153,124,434	170,767,455
Newfoundland	95,468	119,945	254,276	281,712	269,246	343,876	439,871
Maritime Provinces	5,850,741	6,769,116	8,864,275	7,563,698	4,987,275	6,485,628	6,984,186
Quebec	19,137,999	23,816,008	23,745,129	20,587,165	16,942,850	21,713,939	23,325,374
Ontario	51,922,436	58,736,885	51,448,643	45,442,835	39,360,291	43,819,906	42,902,342
Manitoba	29,308,664	31,698,984	31,578,047	28,030,312	15,538,264	15,074,611	18,588,098
Saskatchewan	62,629,271	61,147,757	75,859,527	80,333,503	37,371,962	32,435,199	40,748,641
Alberta	45,117,409	48,267,092	53,505,361	51,302,523	28,017,559	28,065,645	32,686,198
British Columbia	4,125,132	5,064,558	5,021,983	4,508,606	4,215,248	5,185,630	5,092,745

1. Revised.

TABLE 2. Farm Implement and Equipment Sales, by Major Groups, 1955 and 1956

(Values at wholesale prices)

Major group	Canada			Prairie Provinces			
	1955 ¹	1956	Per cent change 1956/1955	1955 ¹	1956	Per cent change 1956/1955	Percentage of Canada total 1956
	\$	\$	%	\$	\$	%	%
All types, total	153,124,434	170,767,455	+ 11.5	75,575,455	92,022,937	+ 21.8	53.9
Planting, seeding, and fertilizing machinery	5,340,978	6,093,885	+ 14.1	1,720,210	2,213,361	+ 28.7	36.3
Ploughs	8,225,170	8,018,905	- 2.5	5,414,046	5,332,302	- 1.5	66.5
Tilling, cultivating, and weeding machinery	7,016,388	7,070,472	+ 0.8	4,003,969	4,262,019	+ 6.4	60.3
Tractor machinery	19,819,888	27,245,257	+ 37.5	7,747,937	11,930,976	+ 54.0	43.8
Harvesting machinery	27,564,201	34,753,405	+ 26.1	21,726,842	28,527,569	+ 31.3	82.1
Machines for preparing crops, for market or for use	4,933,373	4,768,171	- 3.3	2,792,055	2,947,755	+ 5.6	61.8
Tractors and engines	58,759,930	63,261,613	+ 7.7	27,157,048	31,397,737	+ 15.6	49.6
Spraying and dusting equipment	1,995,660	1,770,178	- 11.3	492,376	549,948	+ 11.7	31.1
Harvesting, trucks and trailers	1,433,265	1,805,227	+ 26.0	395,675	507,235	+ 28.2	28.1
Harvesting machinery and equipment	3,952,773	4,787,248	+ 21.1	846,519	1,078,311	+ 27.4	22.5
Harvesting equipment	2,670,882	2,636,833	- 1.3	567,159	557,535	- 1.7	21.1
Harvesting equipment	631,316	948,276	+ 50.2	134,081	171,056	+ 27.6	18.0
Various miscellaneous farm equipment	10,780,610	7,607,985	- 29.4	2,577,538	2,547,133	- 1.2	33.5

1. Revised.

TABLE 3. Sales of Repair Parts, by Provinces, 1950-1956

(Values at wholesale prices)

Province	1950	1951	1952	1953	1954	1955	1956
	\$	\$	\$	\$	\$	\$	\$
Canada	29,862,034	28,772,869	31,231,946	31,818,818	27,335,796	28,451,964	31,824,672
Newfoundland	17,272	20,524	41,002	30,974	47,518	36,164	39,305
Maritime Provinces	1,084,897	780,653	940,324	952,502	925,354	977,342	1,022,528
Quebec	2,746,377	2,424,565	2,446,112	2,632,097	2,513,373	2,740,685	3,305,064
Ontario	6,038,045	6,166,312	6,165,581	6,091,975	6,008,045	6,233,131	6,363,550
Manitoba	3,801,813	3,802,524	3,809,424	3,963,885	3,315,757	3,535,101	3,944,453
Saskatchewan	8,035,003	8,230,364	9,762,610	10,104,946	7,899,989	7,893,314	9,355,538
Alberta	7,186,798	6,820,867	7,378,116	7,457,431	6,025,669	6,314,449	6,990,800
British Columbia	951,829	527,060	688,777	585,008	600,091	721,778	803,434

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1956
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
All types, total	—	170,767,455	—	92,022,937
Planting, seeding and fertilizing machinery, total	—	6,093,885	—	2,213,361
Corn planters:				
Horse or tractor drawn	530	139,707	1	1
Tractor mounted	368	63,482	1	1
Potato planters	244	118,047	36	14,590
Vegetable seeders (radish, onions, lettuce, etc.)	1	1	1	1
Transplanters	314	72,817	—	—
Beet and bean drills (all types)	1	1	1	1
Grain and fertilizer drills (combination)	1,627	794,739	1	1
Grain drills:				
Plain	1,725	808,276	1,222	632,273
Press	1,618	1,061,795	1,613	1,058,321
Broadcast seeders, horse or tractor drawn	645	30,245	1	1
Fertilizer and lime sowers, horse or tractor drawn	1,145	228,902	85	20,770
Anhydrous ammonia applicators	61	50,028	1	1
Manure spreaders:				
Power take-off:				
2-wheel	1,477	694,676	261	131,535
4-wheel	157	73,027	49	29,648
Ground drive, 2-wheel	4,883	1,642,697	636	231,031
Horse-drawn	718	196,061	77	24,325
All other planting, seeding and fertilizing machinery	—	119,386	—	70,868
Ploughs, total	—	£,018,905	—	5,332,302
Mouldboard ploughs:				
Horse drawn (walking ploughs), one furrow	1	1	1	1
Tractor drawn:				
One furrow	19	2,255	1	1
Two furrow	1,107	237,877	138	29,211
Three furrow	1,647	481,948	656	206,336
Four furrow or larger	856	382,646	741	327,747
Tractor mounted:				
One furrow	708	63,085	32	2,997
Two furrow	4,733	779,165	160	29,893
Three furrow or larger	2,784	736,823	333	99,097
Disc ploughs:				
Tractor drawn	66	32,399	42	22,952
Tractor mounted	176	49,308	34	14,350
One-way discs without seed boxes:				
Under 5'	245	63,030	51	10,541
5' and over	1,119	483,590	1,083	469,457
One-way discs with seed boxes:				
Under 5'	319	177,725	1	1
5' and over	1	1	1	1
Seed boxes for one-way discs (sold separately)	1	1	1	1
Diskers without seed boxes:				
Under 10'	205	97,161	205	97,182
10' and over	1,655	1,136,962	1,651	1,133,386
Diskers with seed boxes:				
Under 10'	232	140,890	228	138,825
10' and over	2,114	1,877,628	2,114	1,878,242
Seed boxes for diskers (sold separately)	1	1	1	1
Breaker ploughs	85	26,788	1	1
Rotary tillers and cultivators:				
Garden (under 10 H.P. approx.)	4,219	728,384	2,489	403,440
Field (10 H.P. and over, P.T.O. or engine)	206	188,724	1	1
All other ploughs	—	332,517	—	468,646
Tilling, cultivating and weeding machinery, total	—	7,070,472	—	4,262,019
Harrows:				
Drag harrows (sections)	37,430	790,389	29,924	659,431
Spring tooth harrows (sections)	5,964	308,286	843	42,891
Disc harrows:				
Horse drawn	1	1	1	1
Tractor drawn:				
Single	218	57,896	37	10,505
Tandem — Wheel type	1,511	576,982	384	184,295
— Other	2,960	710,065	838	282,575
Tractor mounted:				
Single	371	66,571	53	11,547
Tandem	1,517	349,036	104	28,416
Land rollers	196	24,410	1	1
Soil pulverizers and packers (8 ft. and over)	537	78,587	234	24,741
Soil pulverizers and packers (incl. sections) under 8 ft.	1,081	70,051	961	61,095
Scufflers and cultivators:				
Scufflers	1	1	1	1
Row crop cultivators (corn, beet, bean, etc.):				
Horse drawn and tractor drawn or mounted	657	82,592	1	1
One row	1,673	328,273	51	10,144
Two row	—	—	—	—

1. Included in "All other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1956 — Continued
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Tilling, cultivating and weeding machinery — concluded				
Scufflers and cultivators — concluded				
Power driven:				
Four row	101	17,736	1	1
With rotating teeth				
Field cultivators:				
Tractor drawn:				
Conventional type	3,445	855,215	2,075	568,756
Heavy duty, deep tillage type	4,040	2,031,038	3,823	1,959,394
Tractor mounted	1,480	345,211	511	184,026
Garden hand type cultivators	1	1	1	1
Hillers (all types)	1	1	1	1
Rod weeders	1,036	185,268	1,036	185,268
Blade weeders, field (tractor drawn or mounted)	1	1	1	1
Finger and tine weeders	1	1	—	—
Rotary hoes (ground driven, teeth or wheel)	583	56,529	1	1
All other cultivating and tillage machinery	—	136,337	—	48,935
Haying machinery, total	—	27,245,257	—	11,930,976
Mowers:				
Cutter bar type:				
Drawn — Ground driven (horse or tractor)	956	212,208	488	125,314
— P.T.O. driven	442	140,377	125	48,717
Semi-mounted, 1 or 2 castor wheels	6,043	1,570,166	3,679	963,314
Mounted	5,326	1,323,629	1,195	321,518
Rotary type (drawn or mounted)	177	66,628	34	12,322
Dump rakes	1,032	107,723	448	51,698
Side delivery rakes:				
Horse or tractor drawn — ground driven	10,349	3,182,114	3,822	1,185,926
Power take-off — tractor drawn	895	305,510	438	156,983
— semi-mounted	390	164,217	271	117,049
— mounted				
Hay loaders	975	256,611	144	44,223
Hay or stook sweeps, tractors	153	17,559	66	6,447
Tractor loaders (with haysweep, stacker or manure bucket)	6,755	3,073,958	2,079	1,198,471
Pick-up hay balers:				
Power take-off — Wire	53	97,636	4,689	5,695,674
— Twine	8,474	10,339,320		
Engine driven and self propelled — Wire	186	4,041,150	1,097	1,669,881
— Twine	3,453	4,960,152		
Field bale loaders	682	179,533	525	135,768
Elevators or conveyors (primarily for baled hay)	2,908	761,610	614	130,846
All other haying machinery	—	82,156	—	66,825
Harvesting machinery, total	—	34,753,405	—	28,527,569
Combine reaper threshers:				
Six feet and under:				
Power take-off	719	1,181,114	160	332,764
Engine driven	213	330,488	125	185,435
Over six feet to ten feet inclusive:				
Power take-off	839	1,573,359	450	966,254
Engine driven	846	1,964,127	708	1,703,196
Over ten feet:				
Power take-off	292	800,863	291	799,451
Engine driven				
Self-propelled:				
Ten feet and under	641	2,844,900	481	2,117,869
Over ten feet	3,238	16,751,599	3,100	16,051,818
Swathers and windrowers:				
Tractor drawn	4,480	3,129,809	4,363	3,067,579
Self-propelled	1,605	2,593,096	1,505	2,428,117
Grain binders	705	370,415	346	168,836
Corn pickers:				
Tractor drawn	196	194,030	—	—
Tractor mounted and self-propelled	180	210,564	—	—
Picker sheller (combination)	1	1	—	—
Forage crop harvesters:				
Basic machine (flywheel or cylinder type)	862	963,289	232	250,844
Cutter bar hay attachments	396	139,483	113	40,631
Pick-up hay attachments	388	83,695	121	33,113
Row crop attachments	281	89,125		
Shredder or hammer mill type	478	538,951	116	105,672
Rotary type with horizontal knife and discharge spout	115	101,980		
Forage crop blowers	689	327,411	60	32,982
Potato diggers:				
Ground driven	58	11,395	1	1
Power take-off	352	194,759	27	14,860
Potato harvesters (pickers and combines)	172	94,658	—	—
Shredders and cutters (for corn stalks, orchard prunings, etc.)	307	114,877	1	1
Beet lifters, horse or tractor drawn	35	3,467	1	1
Beet harvesters	70	147,874	62	141,172
Beet loaders	—	—	—	—
Vegetable harvesters (other than for beets and potatoes)	45	20,974	1	1
All other harvesting machinery	—	117,103	—	86,976

1. Included in "All other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1956 — Continued
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value \$	Number of units	Value \$
Machines for preparing crops for market or for use, total	—	4,768,171	—	2,947,755
Threshers:				
With feeder and blower	364	556,274	25	39,147
All other	1	1	1	1
Ensilage cutters (combination cutter blower)	226	117,813	119	68,997
Feed or roughage cutters, hand and power	220	138,475	193	127,311
Corn shellers:				
Hand	1	1	—	—
Power	31	8,029	—	—
Grain grinders:				
6" or less	70	10,755	1,314	87,490
Over 6"	3,127	188,968		
Rollers or crushers (grain)	509	80,317	284	54,958
Cleaners for grain:				
Hand (fanning mills)	257	38,246	219	31,659
Power	2,239	332,712	2,165	310,601
Hammer mills:				
Electric driven	68	11,645	1	1
P.T.O.	700	172,268	252	86,294
Belt driven	1,229	255,618	641	142,835
Feed mixers	1,988	107,750	1,607	57,822
Sorters and graders:				
Potatoes (mainly)	56	20,851	1	1
Fruit and vegetable	48	50,807	—	—
Maple syrup evaporators	558	225,412	—	—
Maple syrup furnaces	1	1	—	—
Crop dryer with heating units (for grain, hay, etc.)	1	1	1	1
Grain elevators:				
Bucket type	917	211,036	315	26,313
Auger type	18,860	1,802,946	15,929	1,744,227
Seed treaters	1,711	26,732	1,642	25,102
All other machines for preparing crops for market or for use	—	411,517	—	144,999
Tractors and engines, total	—	63,261,613	—	31,397,737
Wheel tractors: (Standard and row crop)				
10 H.P.	393	355,254	33	32,123
10 H.P. to 19 H.P. incl.	3,039	4,401,727	289	401,210
20 H.P. to 26 H.P. incl. — Diesel	178	393,698	34	76,211
— All other	6,051	11,210,230	960	1,778,075
27 H.P. to 33 H.P. incl. — Diesel	1,769	4,841,455	1,098	3,146,469
— All other	4,990	10,593,753	1,630	3,575,973
34 H.P. to 39 H.P. incl. — Diesel	1,445	4,815,898	1,250	4,166,571
— All other	3,183	8,426,208	2,445	6,592,186
40 H.P. and over — Diesel	2,104	8,417,724	1,925	7,763,992
— All other	475	1,418,482	388	1,192,197
Crawler tractors:				
Under 25 H.P. — Diesel	1,846	4,702,578	321	947,070
— All other				
25 H.P. to 35 H.P. incl. — Diesel				
— All other	131	624,238	18	120,262
Over 35 H.P.	32	166,077	122	956,555
All other	204	1,464,983		
Garden tractors (rotary tillage types included under ploughs):				
One and two wheel	2,567	608,205	695	173,132
Three and four wheel	100	53,062	16	5,630
Gas engines and power units:				
Less than 5 H.P.	8,787	417,685	5,354	220,453
5 H.P. to 20 H.P. incl.	2,317	242,974	1,880	187,919
Over 20 H.P.	102	87,163	51	46,547
All other tractors and engines	—	20,219	—	15,162
Spraying and dusting equipment (orchard or garden), total	—	1,770,178	—	549,948
Sprayers:				
Garden (hand, pack, sack, barrel and wheel-barrow)	36,865	108,456	1,460	10,220
Field (weed, low volume, low pressure)	3,277	584,294	1,875	402,399
Row crop (all types)	412	120,731		
Orchard:				
High pressure — Under 15 gal. P.M. capacity	118	62,622	—	137,329
— 15 gal. and over P.M. capacity	377	215,826		
Air blast sprayers	137	361,404		
Air blast attachments	97	126,831		
Other	—	157,673		
Dusters:				
Garden (hand)	1,127	32,341		
Field (incl. row crop)				
Orchard				
Other				

1. Included in "All other" category of its group.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Prairie Provinces, by Types, 1956 — Concluded
(Values at wholesale prices)

Type	Canada		Prairie Provinces	
	Number of units	Value	Number of units	Value
		\$		\$
Farm wagons, trucks and sleighs, total	—	1, 805, 227	—	507, 235
Wagon boxes	225	25, 407	169	16, 406
Wagon gears (wood and steel wheel)	1, 752	229, 508	206	24, 673
Gears or trailers—Pneumatic wheels (with or without tires)	9, 431	1, 283, 454	3, 052	355, 472
Forage boxes	304	117, 116	22	6, 973
All other farm wagons, sleighs and trucks	—	149, 742	—	103, 711
Dairy machinery and equipment, total	—	4, 787, 248	—	1, 078, 311
Milking machines:				
Vacuum pumps (excluding pail units)	4, 824	530, 181	1, 201	127, 896
Milker pail units	10, 902	1, 001, 994	1, 836	155, 702
Milk pipeline (feet)	28, 407	61, 424	1	1
Cream separators:				
300 lb. and under	1, 523	59, 220	1, 098	43, 382
Over 300 lb.	9, 832	1, 557, 969	4, 301	597, 598
Farm milk coolers:				
Electrical refrigeration type:				
Standard unit	865	266, 439	1	1
Bulk tank	585	1, 137, 504	1	1
Surface type	1	1	1	1
Butter churns (farm use)	1	1	1	1
Water heaters for dairy purposes (all types)	1	1	1	1
All other dairy machinery and equipment	—	172, 517	—	153, 733
Barn equipment, total	—	2, 636, 833	—	557, 535
Feed and litter carriers	4, 132	194, 972	1	1
Track for feed and litter carriers (feet)	239, 470	78, 625	1	1
Hay forks and slings	2, 170	26, 101	1	1
Hay fork carriers or cars	1, 968	55, 806	1	1
Track for hay carriers (feet)	112, 769	39, 324	1	1
Stable stalls and livestock pens (without stanchion units)	14, 967	346, 734	1	1
Cattle stanchions	62, 291	317, 869	8, 283	40, 704
Milking room stalls	265	35, 758	1	1
Stock watering cups and bowls	72, 669	420, 858	10, 006	56, 145
Stock watering cups with heater	—	—	—	—
Stock tank heaters (wood or coal)	1, 405	21, 517	1, 385	20, 397
Watering troughs for livestock (except poultry)	13, 297	274, 426	11, 731	242, 152
Hog self feeders	596	24, 963	1	1
Ventilation fans (barn, poultry, etc.)	583	15, 320	1	1
Gutter cleaners (power operated)	840	404, 321	119	33, 118
Miscellaneous barn equipment	—	380, 239	—	165, 019
Poultry farm equipment, total	—	948, 276	—	171, 056
Incubators	629	47, 924	1	1
Brooders:				
Coal, wood, oil and gas	4, 248	149, 687	1, 332	28, 278
Electric	4, 056	68, 856	802	12, 189
Battery or multiple type	123	10, 620	1	1
Egg handling equipment	344	43, 542	1	1
Feeders and waterers for poultry	156, 576	451, 274	37, 158	73, 785
Miscellaneous poultry farm equipment	—	176, 373	—	56, 804
Miscellaneous farm equipment, total	—	7, 607, 985	—	2, 547, 133
Beekeepers' supplies	—	157, 964	—	75, 126
Animal clippers and shears, power	1	1	1	1
Electric fence controllers	13, 548	125, 688	1, 518	12, 981
Wagon unloaders	462	48, 443	1	1
Silo unloaders	1	1	—	—
Wood sawing machines	1, 554	277, 612	224	30, 950
Electric lighting plants	313	132, 799	1	1
Electric welders (farm units)	702	75, 315	1	1
Post-hole diggers (tractor or power driven)	1, 260	156, 189	734	70, 996
Land levellers and smoothers	1, 300	230, 120	321	70, 771
Pull type ditchers	61	11, 697	1	1
Metal grain storage bins	2, 979	824, 187	2, 936	812, 812
Miscellaneous equipment	—	5, 567, 971	—	1, 473, 497

1. Included in "All other" category of its group.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1950-1956

Type of implement	1950		1951		1952		1953		1954		1955 ¹		1956	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Planting, seeding, and fertilizing machinery, total	—	8,806	—	9,516	—	9,151	—	8,130	—	5,707	—	5,340	—	6,094
Corn planters	853	168	1,072	244	827	190	841	196	782	180	1,169	272	898	203
Grain and fertilizer drills (combination)	4,407	1,473	5,119	2,111	4,015	1,460	2,650	1,049	1,582	684	1,512	736	1,627	795
Grain drills:														
Plain	5,886	2,941	6,284	2,824	5,214	2,979	3,604	2,179	2,054	1,025	1,294	581	1,725	808
Press	2,437	1,142	2,103	1,037	2,426	1,392	2,930	1,747	2,000	1,211	1,186	760	1,618	1,062
Fertilizer and lime sowers	1,458	169	1,929	246	1,335	245	1,661	289	1,220	207	1,129	213	1,145	229
Manure spreaders:														
Power take-off, 2-wheel							1,587	587	924	399	1,404	625	1,477	695
4-wheel							358	130	152	79	184	86	157	73
Ground drive, 2-wheel	9,682	2,539	9,547	2,728	8,218	2,604	3,729	1,191	3,676	1,185	4,138	1,358	4,883	1,643
Horse drawn							1,553	468	1,167	344	1,057	319	718	196
Ploughs, total	—	15,228	—	15,454	—	18,235	—	16,870	—	10,201	—	8,225	—	8,019
mouldboard ploughs, tractor drawn:														
Two furrow	7,687	1,258	6,061	1,147	4,925	1,006	2,553	527	1,485	307	1,460	298	1,107	238
Three furrow	3,998	2,150	7,937	2,072	6,459	1,799	4,040	1,165	2,282	667	2,046	611	1,647	482
Four furrow or larger	2,527	899	2,202	835	2,022	837	1,913	823	1,020	449	806	364	856	383
mouldboard ploughs, tractor mounted	13,326	1,792	14,974	2,208	12,657	2,003	8,745	1,436	6,953	1,057	8,508	1,510	7,225	1,578
ne-way discs (with and without seed boxes):														
Under 5'							727	178	278	79	219	77		
5' and over	14,410	7,251	8,398	3,891	8,362	4,430	5,246	1,753	2,331	1,185	1,104	590	1,683	724
Diskers (with and without seed boxes):														
Under 10'							1,330	777	907	684	607	350	437	238
10' and over	2	2	6,084	3,883	8,894	7,179	9,525	7,921	5,686	4,581	3,850	3,026	3,769	3,014
Tilling, cultivating, and weeding machinery, total	—	13,202	—	12,508	—	10,137	—	10,696	—	7,644	—	7,016	—	7,070
Drag harrows (sections)	63,167	654	55,899	654	53,570	819	67,317	1,208	61,880	1,170	34,685	731	37,430	790
Spring tooth harrows (sections)	10,342	414	11,868	537	9,837	465	7,824	388	8,315	380	7,378	293	5,964	308
Disc harrows tractor drawn	17,580	4,727	17,870	4,767	13,253	2,858	9,744	2,208	5,953	1,643	6,080	1,464	4,689	1,344
Soil pulverizers and packers and Trailer packers	5,322	343	4,678	402	6,850	543	7,765	752	3,998	389	2,594	210	1,618	148
Cultivators:														
Row crop	3,945	543	3,602	567	3,733	624	2,598	453	2,317	400	2,536	441	2,431	428
Field	22,726	5,346	18,649	4,192	15,139	3,887	15,288	4,755	10,593	3,153	10,314	3,147	8,965	3,231
Row weeders	1,732	356	1,655	260	1,367	242	1,186	218	700	127	709	129	1,036	185
Haying machinery, total	—	10,610	—	14,844	—	17,230	—	19,787	—	17,730	—	19,820	—	27,245
Mowers:														
Cutter bar type:														
Drawn — Ground driven (horse or tractor)...														956
— P.T.O. driven														212
Semi-mounted, 1 or 2 castor wheels	14,829	2,587	15,771	3,101	17,937	3,898	14,089	3,171	11,270	2,635	12,364	2,933	6,043	1,570
Mounted														5,326
Rotary type (drawn or mounted)	6,180	1,226	7,048	1,427	6,013	1,330	4,201	1,019	2,279	566	1,667	412	975	257
Hay loaders	6,449	483	5,615	454	5,572	503	2,764	255	1,537	148	1,294	126	1,032	108
Dump rakes														
Side delivery rakes:														
horse or tractor drawn — ground driven	6,698	1,427	8,224	1,956	8,761	2,125	8,388	2,106	8,238	2,225	9,342	2,679	10,349	3,182
Power take-off — tractor drawn	509	171	1,222	369	905	316	1,018	356	594	202	469	189	895	306
Tractor loaders (with hay sweep, stacker, or manure bucket)	1,924	991	4,119	2,039	5,158	2,080	6,932	3,136	5,070	2,047	6,047	2,562	6,755	3,074
Pick-up hay balers:														
Power take-off:														
Wire							74	132						53
Twine							1,364	1,466	2,954	3,347	4,043	4,695	4,980	6,160
Engine driven and self propelled:	2,509	3,538	3,110	5,235			382	891	342	740	250	560	159	350
Wire							2,095	4,108	3,120	5,127	2,773	4,186	2,581	3,671
Twine														186
Harvesting machinery, total	—	44,243	—	58,641	—	74,336	—	69,580	—	26,195	—	27,564	—	34,753
Combine reaper threshers:														
Six feet and under:														
Power take-off	1,236	1,372	1,950	1,916	1,570	1,912	1,309	1,477	702	853	743	913	719	1,181
Engine driven	2,851	4,174	3,390	5,444	4,733	7,731	3,634	6,091	696	1,105	629	781	213	330
Over six feet to ten feet:														
Power take-off							584	956	379	604	508	917	839	1,573
Engine driven							1,240	2,664	602	1,320	537	1,206	846	1,964
Over ten feet:														
Power take-off	2,730	6,068	2,192	5,828	2,754	6,522								
Engine driven							679	2,103	249	686	404	1,056	292	801
Self-propelled:														
Ten feet and under	6,170	22,961	7,965	33,011	10,585	45,631	861	3,443	716	2,712	503	1,874	648	2,712
Over ten feet	7,714	4,310	8,866	5,125	10,160	6,433	9,216	41,196	2,683	12,160	3,146	13,965	3,238	16,752
Swathers or windrowers							8,905	6,252	4,081	2,916	4,491	3,252	6,085	5,723
Grain binders:														
Ground drive	3,483	1,349	3,314	1,548	3,151	1,503	1,903	1,082	1,056	568	791	413	705	370
Power take-off	3,309	1,841	2,993	1,735	1,068	657								
Forage crop harvesters, including corn	847	907	1,408	1,573	2,079	2,258	1,831	2,347	1,539	1,914	1,230	1,716	1,455	1,917

1. Revised.

2. Not available.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1950-1956 — Concluded

Type of implement	1950		1951		1952		1953		1954		1955 ¹		1956	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Machines for preparing crops for market or use, total	—	8,487	—	11,382	—	11,324	—	7,716	—	4,581	—	4,933	—	4,768
Threshers:														
With feeder and blower	2,245	3,480	2,687	4,539	2,410	4,102	1,123	1,913	607	940	538	1,005	364	556
Ensilage cutters	1,441	711	1,083	522	687	336	539	295	397	194	345	191	226	118
Grain grinders:														
6" or less	645	99	720	115	287	36	140	18	111	19	158	24	70	11
Over 6"	3,604	221	5,071	321	4,621	316	3,384	212	3,230	197	3,776	235	3,127	189
Cleaners for grain:														
Hand and power	2,339	300	3,491	442	3,291	439	3,558	495	2,484	370	2,223	315	2,496	371
Hammermills	3,957	815	4,587	943	5,106	1,030	2,851	542	2,583	510	2,793	558	1,997	439
Feed mixers	1,647	108	1,455	146	2,340	120	2,344	108	1,897	89	1,976	98	1,988	108
Tractors and engines, total	—	98,001	—	92,662	—	89,992	—	85,261	—	55,168	—	58,760	—	63,262
Wheel Tractors: (Standard and row crop)														
Under 10 H.P.													393	355
10 H.P. to 19 H.P. incl.													3,039	4,402
20 H.P. to 26 H.P. incl. — Diesel													178	394
— All other													6,051	11,210
27 H.P. to 33 H.P. incl. — Diesel													1,769	4,841
— All other													4,990	10,594
34 H.P. to 39 H.P. incl. — Diesel													1,445	4,816
— All other													3,183	8,426
40 H.P. and over — Diesel													2,104	8,418
— All other													475	1,418
Crawler tractors:														
Under 25 H.P.													1,846	4,703
— Diesel													131	624
— All other													32	166
25 H.P. to 35 H.P. incl. — Diesel													204	1,465
— All other													6,886	1,389
Over 35 H.P.														
Garden tractors (including rotary tiller)	3,854	811	4,235	1,055	4,910	1,070	7,356	1,819	6,918	1,479	7,447	1,399		
Dairy machinery and equipment, total	—	4,034	—	3,398	—	3,011	—	3,566	—	3,414	—	3,953	—	4,787
Milking machines (complete equipment less milker pail units)	4,636 ²	994 ²	5,160 ²	1,133 ²	3,875	497	4,580	539	4,564	422	5,396	517	4,824	530
Milker pail units	1,779 ³	173 ³	1,204 ³	82 ³	8,062	588	9,332	748	10,183	866	9,644	878	10,902	1,002
Cream separators:														
300 lb and under	1,817	59	1,479	51	1,638	66	1,504	63	1,156	39	1,002	32	1,523	59
Over 300 lb.	10,915	1,231	13,135	1,487	10,305	1,163	11,757	1,277	10,926	1,368	11,148	1,509	9,832	1,558
Farm milk coolers (Electrical refrigeration type):														
Standard unit													865	266
Bulk tank													585	1,138
Poultry farm equipment, total	—	318	—	532	—	454	—	655	—	734	—	631	—	948
Brooders:														
Coal, wood, oil and gas	4,138	82	4,960	139	3,461	89	4,427	111	3,955	112	3,511	86	4,248	150
Electric	1,989	47	2,545	82	2,127	57	3,145	87	6,100	128	4,727	96	4,056	69
Battery or multiple type	200	11	194	11	156	8	92	9	314	12	153	7	123	11

1. Revised.

2. Complete equipment including milker pail units.

3. Milker pail units (sold separately).

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FARM IMPLEMENT AND EQUIPMENT SALES 1957

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services.

Volume III consists of the following parts with individual trade reports listed under each:

Part I — Wholesale Statistics

- A — Wholesale Trade, 25¢
- B — Operating Results of Food Wholesalers, 25¢
- C — Operating Results of Dry Goods, Piece Goods and Footwear Wholesalers, 25¢
- D — 1 Operating Results of Automotive Parts and Accessories Wholesalers, 25¢
 - 2 Operating Results of Drug Wholesalers, 25¢
 - 3 Operating Results of Hardware Wholesalers, 25¢
 - 4 Operating Results of Plumbing and Heating Supply Wholesalers, 25¢
 - 5 Operating Results of Household Appliance & Electrical Supply Wholesalers, 25¢
- E — Agents and Brokers, Wholesale Trade (Memorandum), 10¢

Part II — Retail Statistics

- F — Retail Trade, 50¢
- G — Retail Chain Stores, 50¢
- H — Operating Results of Food Store Chains, 25¢
- I — Operating Results of Clothing Store Chains, 25¢
- J — 1 Operating Results of Variety Store Chains, 25¢
 - 2 Operating Results of Drug Store Chains, 25¢
 - 3 Operating Results of Furniture Store Chains, 25¢
- *K — Operating Results of Independent Food Stores, 25¢
- *L — Operating Results of Independent Clothing Stores, 25¢
- *M — Operating Results of Independent Hardware, Furniture, Appliance, Radio and Television Stores, 25¢
- *N — Operating Results of Filling Stations and Garages, 25¢
- *O — 1 Operating Results of Independent General Stores, 25¢
 - 2 Operating Results of Independent Restaurants, 25¢
 - 3 Operating Results of Independent Fuel Dealers, 25¢
 - 4 Operating Results of Independent Drug Stores, 25¢
 - 5 Operating Results of Independent Jewellery Stores, 25¢
 - 6 Operating Results of Independent Tobacco Stores, 25¢
- P — Retail Credit, 25¢

Part III — Services and Special Fields

- Q — Laundries, Cleaners and Dyers, 25¢
- R — Motion Picture Theatres, Exhibitors and Distributors, 25¢
- S — Hotels, 25¢
- T — Sales Financing, 25¢
- U — Farm Implement and Equipment Sales, 25¢
- V — New Motor Vehicle Sales and Motor Vehicle Financing, 25¢
- W — Advertising Agencies (Memorandum), 10¢
- X — Motion Picture Production (Memorandum), 10¢

The reports are punched to permit of filing in a ring binder.

* Biennial reports — not issued for 1957.

FARM IMPLEMENT AND EQUIPMENT SALES

1957

Significant changes which have been made in this report for the purpose of increasing its usefulness are as follows:

Level of Reporting and Geographical Detail

In this 1957 report, a considerable change has been made in the "level" or "point of sale" of reporting, in the reporting detail and in the coverage. In former years, sales of farm implements were at the wholesale level—i.e., sales by Canadian manufacturer or importer to dealer. In this year, the first attempt has been made to show the number of units sold by dealers to users. The selling value, however, has been generally maintained at the wholesale level or at dealers' cost less trade discounts. The second major improvement, which is self-evident, is the reporting of units sold to user for major groups, by provinces. The main-line companies, through the medium of an Industry Statistics Committee, have been responsible for these improvements.

The change from the wholesale level to the retail level in number of units sold has not been complete and possibly will never be so except in a census of all dealers. Many smaller manufacturers of specialty lines can only show sales to distributors or dealers in both number of units and dollar volume; they have no control over dealers and are not able to obtain data on dealers' sales to farmers for their lines. In most such cases, there is no serious stock-piling of these products by dealers so that sales to dealers approximate sales to user. The provincial detail of such sales also may be subject to some error since the final sale may occur in a province other than that reported by the distributor. For most major lines of implements, however, the main-line companies, which are predominant, as well as other respondents to this survey revised their accounting methods to permit reporting under the new plan. Therefore, the results of this report are, in the main, actual sales to user by provinces under the title "number of units sold" but dollar sales remain at the wholesale level.

Coverage or Scope

A third change in this 1957 report is that of coverage. The ideal purpose of such a survey is to provide a complete statistical measurement of the subject in all detail required. A complete census of all dealers, providing they kept records of every commodity sold, would accomplish this. On an annual basis, however, the approach has been through Canadian manufacturers and importers since such a plan is less costly and the results as accurate, if not more so, than a complete dealer census. The co-operation of these firms makes this report possible.

Although some attempt has been made in past years to include firms with farm equipment as "side lines" to their main activity, it has been evident that the published results of certain items were not complete and were even misleading at times. It is impractical to attempt complete coverage in this annual study. Large manufacturers of electrical equipment, for instance, are not contacted for sales of ventilating fans. It is doubtful if they could designate the number ultimately sold for farm use as against other commercial use. Again, a small iron foundry in any year might make litter carrier track but its major activity would be castings for machinery other than farm. Some new firms had been added to this survey in past years because of such small side lines which were for farm use. These have now been cancelled from this study.

It is felt that levels of sales for most lines are accurate to a close degree and that trends, established by contacting all manufacturers and importers whose main activity is the farm implement and equipment business, are quite reliable. As a result, some of the minor or equipment categories now represent only sales of those items by companies principally engaged in this industry. For example, in the "pumps and irrigation equipment" group, the figures are as accurate as a survey of this kind can ensure. Direct import by a user cannot possibly be measured here and such sales are not included in this report; such a case might apply to new or specialty lines such as irrigation systems where a large user imports directly. Domestic water systems, however, are of doubtful meaning when many might be used in suburban developments rather than on farm and where they are also imported and distributed by distributors other than those of farm equipment. A complete coverage of such items is not possible.

Some part of the decrease in farm implement sales for 1957 was due to this change in coverage and is most noticeable in the miscellaneous group, Table 3. No change in "coverage" occurred in the major groups except in one or two instances where there was some duplication.

Item Breakdown

The Statistics Committee of the industry reviewed the annual questionnaire with the Bureau and suggested changes were implemented for the 1957 survey. Most important of these was the tractor group. Introduction of new models necessitated a

close review of all horse-power ratings and the result was a re-grouping as shown in this report. To some extent, this destroys accurate comparisons with previous years. The horse-power ratings are shown at 75 per cent maximum draw-bar, Nebraska test. It was felt that no purpose would be served by separating tractors using diesel and other fuel for the crawler tractor section since the majority are diesel. A revision in the size breakdown of combines also appears in this publication. Tractor loaders, which are used for various purposes, have been

transferred from haying machinery to the section "machines for preparing crops for market or use,"

Presentation

The arrangement of groups has been changed and follows a more logical sequence than in former reports. The important group of tractors appears first, followed by major lines in general order of use during a season. The equipment or minor groups, which are not shown by provinces, follow the major groups.

Review of 1957 Results

Sales of new farm implements and equipment in Canada amounted to \$149,309,722 in 1957, a 12 per cent decrease from the previous year. Quebec province recorded the only gain while the more pronounced declines occurred in the Atlantic Provinces British Columbia, Saskatchewan, and Alberta. Repair parts, on the other hand showed improvement in sales volume compared with 1956, with all provinces on the increase.

A more realistic appraisal of the trend in farm implement sales is evident in Table 3. Tractors, haying and harvesting machinery were the major lines responsible for the over-all decline in sales. Barn equipment and dairy machinery have shown consistent growth over the past years. Reference has

been made to some slight change in scope or coverage of this report; this is partly responsible for the decrease in the other minor groups of spraying and miscellaneous equipment. A transfer of tractor loaders from haying machinery to the group "preparing crops for market use" was part of the cause for the change in sales of these two groups.

No factor is available to convert the "wholesale" values shown here to a retail or farmer-cost level. It was felt by the industry in general that mark-ups reported to suppliers by dealers were not accurate. An estimate of approximately 20 per cent mark-up similar to past years should give a reasonable figure for dollars spent by farmers for new implements.

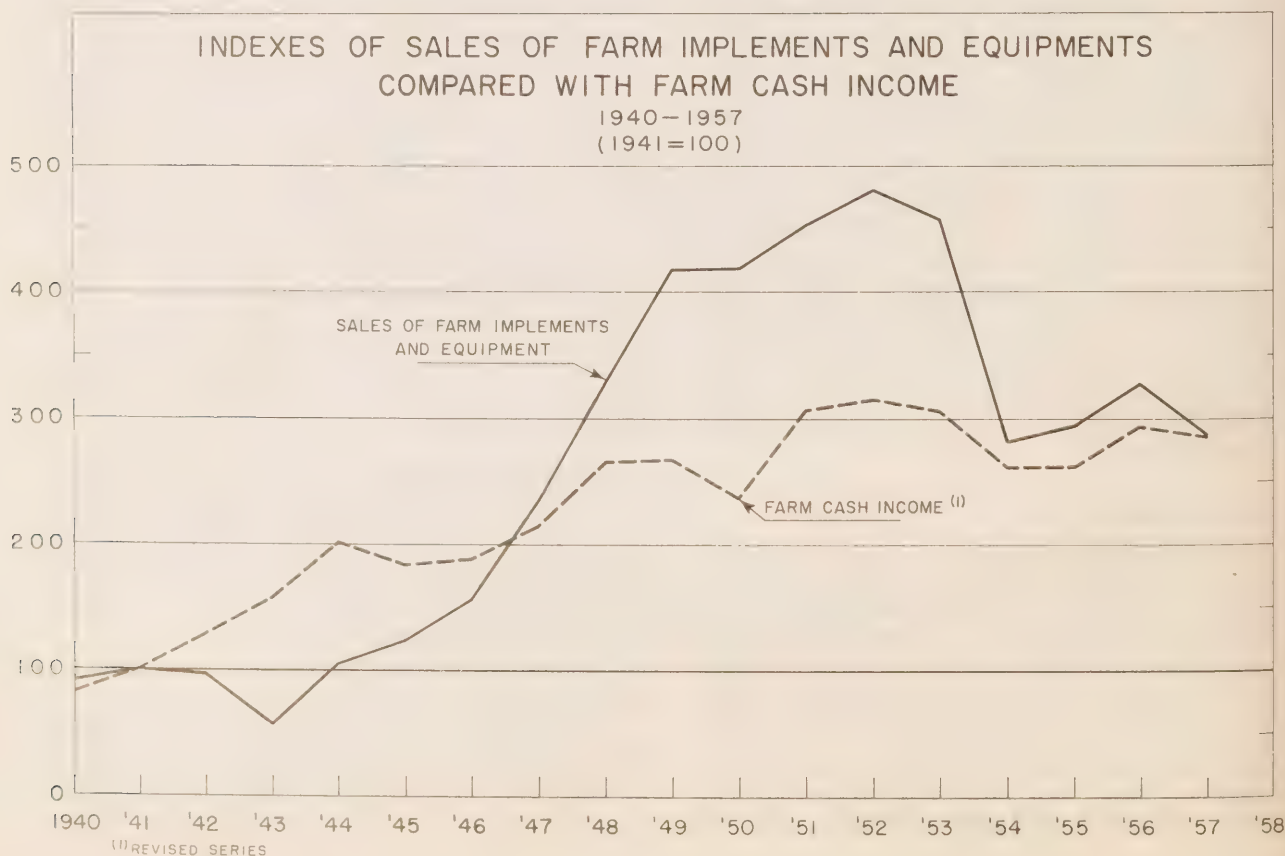


TABLE 1. Farm Implement and Equipment Sales, by Provinces, 1951-1957
(Values at wholesale prices)

Province	1951	1952	1953	1954	1955	1956	1957	Percentage change 1957/56
	dollars							%
Canada	235,620,345	250,277,241	238,050,354	146,702,695	153,124,434	170,767,455	149,309,722	-12.6
Atlantic Provinces	6,889,061	9,118,551	7,845,410	5,256,521	6,829,504	7,424,057	5,295,899	-28.7
Quebec	23,816,008	23,745,129	20,587,165	16,942,850	21,713,939	23,325,374	23,841,645	+ 2.2
Ontario	58,736,885	51,448,643	45,442,835	39,360,291	43,819,906	42,902,342	38,581,835	-10.1
Manitoba	31,698,984	31,578,047	28,030,312	15,538,264	15,074,611	18,588,098	14,713,559	-20.8
Saskatchewan	61,147,757	75,859,527	80,333,503	37,371,962	32,435,199	40,748,641	32,137,391	-21.1
Alberta	48,267,092	53,505,361	51,302,523	28,017,559	28,065,645	32,686,198	30,934,663	- 5.4
British Columbia	5,064,558	5,021,983	4,508,606	4,215,248	5,185,630	5,092,745	3,804,730	-25.3

TABLE 2. Sales of Repair Parts, by Provinces, 1951-1957
(Values at wholesale prices)

Province	1951	1952	1953	1954	1955	1956	1957	Percentage change 1957/56
	dollars							%
Canada	28,772,869	31,231,946	31,818,818	27,335,796	28,451,964	31,824,672	33,820,056	+ 6.3
Atlantic Provinces	801,177	981,326	983,476	972,872	1,013,506	1,061,833	1,073,274	+ 1.1
Quebec	2,424,565	2,446,112	2,632,097	2,513,373	2,740,685	3,305,064	4,113,305	+24.5
Ontario	6,166,312	6,165,581	6,091,975	6,008,045	6,233,131	6,363,550	6,978,519	+ 9.7
Manitoba	3,802,524	3,809,424	3,963,885	3,315,757	3,535,101	3,944,453	3,985,737	+ 1.0
Saskatchewan	8,230,364	9,762,610	10,104,946	7,899,989	7,893,314	9,355,538	9,430,614	+ 0.8
Alberta	6,820,867	7,378,116	7,457,431	6,025,669	6,314,449	6,990,800	7,278,914	+ 4.1
British Columbia	527,060	688,777	585,008	600,091	721,778	803,434	959,693	+19.4

TABLE 3. Farm Implement and Equipment Sales, by Major Groups Canada, 1953-1957
(Values at wholesale prices)

Major group	1953	1954	1955	1956	1957	Percentage change 1957/56
	dollars					%
All groups, total	238,050,354	146,702,695	153,124,434	170,767,455	149,309,722	-12.6
Tractors and engines	85,261,224	55,167,799	58,759,930	63,261,613	56,651,045	-10.4
Ploughs	16,870,246	10,201,207	8,225,170	8,018,905	8,951,685	+11.6
Tilling, cultivating and weeding machinery	10,696,349	7,643,885	7,016,388	7,070,472	7,844,897	+11.0
Planting, seeding and fertilizing machinery	8,130,425	5,707,091	5,340,978	6,093,885	6,526,024	+ 7.1
Haying machinery	19,787,111	17,729,936	19,819,888	27,245,257	23,313,764	-14.4
Harvesting machinery	69,579,783	26,194,827	27,564,201	34,753,405	23,845,673	-31.4
Machines for preparing crops for market or for use	7,716,401	4,581,470	4,933,373	4,768,171	5,533,688	+16.1
Farm wagons, wagon trucks and sleighs	2,242,977	1,643,289	1,433,265	1,805,227	1,524,604	-15.5
Barn Equipment	2,281,413	2,523,752	2,670,882	2,636,833	2,863,306	+ 8.6
Dairy machinery and equipment	3,566,767	3,414,180	3,952,773	4,787,248	5,468,098	+14.2
Spraying and dusting equipment	1,901,608	1,850,814	1,995,660	1,770,178	1,268,841	-28.3
Miscellaneous farm equipment	10,016,050	10,044,445	11,411,926	8,556,261	5,518,097	-35.5

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1957
(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Tractors and engines									
		\$							
Tractors—farm use: (h.p. ratings range up to but do not include the top limit in each class).									
Wheel type:									
Under 10 h.p.	308	284,232	1	110	95	1	1	1	33
10 to 20 h.p.	1,753	2,409,022	299	487	659	57	45	111	95
20 to 25 h.p. — Diesel	1,020	1,854,219	1	535	328	13	—	1	62
Other	5,768	10,863,070	393	2,290	2,083	183	169	402	248
25 to 30 h.p. — Diesel	634	1,528,056	1	139	111	107	111	77	1
Other	2,227	4,800,846	175	487	807	187	188	336	47
30 to 35 h.p. — Diesel	1,694	5,413,640	16	117	281	385	533	341	21
Other	3,602	8,527,589	124	478	969	289	929	766	47
35 to 40 h.p. — Diesel	330	1,050,582	1	96	50	1	1	1	1
Other	1,283	3,536,775	11	41	151	88	513	456	23
40 to 45 h.p. — Diesel	1,738	6,696,909	—	16	47	243	897	524	11
Other	90	250,507	1	1	1	—	20	1	1
45 h.p. and over — Diesel	1,045	4,407,033	—	1	12	112	475	430	1
Other	238	772,378	—	—	1	1	121	108	—
Crawler type:									
Under 25 h.p.	450	1,213,289	1	154	126	1	1	36	1
25 to 35 h.p.	93	441,257	1	1	1	1	1	11	19
35 to 34 h.p.	62	429,286	—	1	7	22	1	1	1
45 h.p. and over	49	439,357	—	1	—	16	1	24	1
Garden tractors:									
One and two wheel	3,494	456,104	111	68	908	537	781	819	270
Three and four wheel	262	110,495	1	1	213	1	—	1	—
Gas engines and power units:									
Farm use only	8,229	589,988	325	541	1,507	765	2,060	2,763	268
All other tractors and engines	—	576,411	—	—	—	—	—	—	—
Group total	—	56,651,045	—	—	—	—	—	—	—
Ploughs									
Mouldboard ploughs:									
Tractor drawn:									
One furrow	71	11,685	1	1	1	1	1	1	1
Two furrow	865	192,464	191	145	251	72	42	89	75
Three furrow	1,544	510,609	72	62	673	243	108	368	18
Four furrow or larger	560	267,898	1	5	62	141	98	243	1
Tractor mounted:									
One furrow	535	49,437	154	152	117	5	10	16	81
Two furrow	4,680	718,097	475	2,655	1,308	59	42	57	84
Three furrow or larger	2,522	605,000	45	814	1,324	74	33	211	21

See footnote page 12.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1957 - Continued
(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Ploughs - concluded									
Disc ploughs:									
Tractor drawn	31	21,877	1	—	4	11	6	5	1
Tractor mounted	155	40,594	—	69	51	15	10	1	1
One-Way discs - Under 5 ft.	223	63,404	1	—	165	18	28	6	1
- 5 ft. and over	1,552	908,908	1	—	1	160	502	823	37
Diskers - Under 10 ft.	209	162,105	—	—	—	51	104	54	—
- 10 ft. and over	4,285	3,462,900	—	—	—	546	2,982	750	7
Seed boxes for one-way discs	1,514	198,076	—	—	1	1	1,284	198	17
Seed boxes for diskers	2,105	572,234	—	—	—	247	1,426	428	4
Breaker ploughs	158	55,000	1	1	1	1	1	1	1
Rotary tillers and cultivators:									
Garden (under 10 h.p. approx.)	6,075	808,465	110	303	1,684	798	1,109	1,222	849
Field (10 h.p. and over, P.T.O. or engine)	153	99,826	—	1	108	—	—	1	1
All other ploughs	—	203,306	—	—	—	—	—	—	—
Group total	—	8,951,685	—	—	—	—	—	—	—
Tilling, cultivating and weeding machinery									
Harrows:									
Drag harrows (sections)	40,225	816,987	94	1,065	4,855	6,332	16,787	10,769	323
Spring tooth harrows (sections)	5,929	323,617	991	1,972	1,896	197	571	240	62
Disc harrows:									
Tractor drawn - Single	78	30,180	1	1	1	14	1	1	1
- Tandem: Wheel type	1,452	590,792	45	213	631	37	98	353	75
Other	2,838	630,797	81	1,041	1,004	109	136	427	40
Tractor mounted - Single	168	14,815	1	38	62	1	4	4	1
- Tandem	1,397	349,711	61	479	654	21	13	61	108
Land rollers	64	9,132	—	1	10	—	—	1	—
Soil pulverizers and packers (8 ft. and over)	988	126,330	—	16	359	1	380	116	1
Soil pulverizers and packers (incl. sections) under 8 ft.	1,522	99,653	—	1	1	1	1,194	253	1
Scufflers and cultivators:									
Scufflers	2	2	2	2	2	—	2	2	—
Row crop cultivators (corn, beet, bean, etc.):									
Horse or tractor drawn - One row	26	3,095	1	1	1	1	—	—	—
Tractor mounted - One row	1,588	254,979	152	252	911	38	92	47	96
- Two row									
- Four row									
Field cultivators:									
Tractor drawn - Conventional type	3,053	936,120	16	81	1,044	866	625	403	18
- Heavy duty, deep tillage type	4,708	2,534,372	1	1	100	357	2,768	1,448	7
Tractor mounted	1,292	283,093	63	181	638	80	93	208	29

See footnotes page 12.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1957 - Continued
(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Tilling, cultivating and weeding machinery - Concluded									
Rod weeders	1,318	291,055	—	—	1	1	732	567	1
Field blade weeders (tractor drawn or mounted)	2	2	—	—	—	2	2	2	—
Rotary hoes - Sections - (Ground driven, teeth or wheel) ..	624	34,952	1	1	538	1	1	33	—
All other cultivating and tillage machinery	—	463,984	—	—	—	—	—	—	—
Group total	—	7,844,897	—	—	—	—	—	—	—
Planting, seeding and fertilizing machinery									
Corn planters - Horse or tractor drawn	422	121,922	1	36	372	1	—	1	1
— Tractor mounted	490	100,395	1	49	423	1	—	1	1
Potato planters	251	153,989	90	51	79	1	1	1	11
Vegetable seeders (radish, onions, lettuce, etc.)	168	6,794	1	—	1	1	1	1	1
Transplanters	451	137,495	1	1	400	—	—	—	1
Beet and bean drills (all types)	2	2	—	2	2	2	—	2	—
Grain and fertilizer drills (combination)	1,015	561,244	47	228	716	1	1	9	1
Grain drills - Plain	1,467	762,805	1	192	131	219	304	546	1
— Press	2,059	1,286,348	—	1	1	177	768	927	1
Broadcast seeders, horse or tractor drawn	736	32,913	—	1	441	1	1	1	1
Fertilizer and lime sowers, horse or tractor drawn	905	247,446	124	206	410	4	18	77	66
Anhydrous ammonia applicators	2	2	—	—	2	—	—	—	—
Manure spreaders:									
Power take-off, 2-wheel	1,447	772,888	46	322	766	66	73	147	27
4-wheel	247	126,693	1	1	84	16	18	119	1
Ground drive, 2-wheel	4,739	1,758,434	485	1,529	1,804	183	183	438	117
Horse-drawn	693	216,204	57	353	208	1	1	56	—
All other planting, seeding and fertilizing machinery	—	240,454	—	—	—	—	—	—	—
Group total	—	6,526,024	—	—	—	—	—	—	—
Haying machinery									
Mowers:									
Cutter bar type:									
Drawn - Ground driven (horse or tractor)	1,596	426,651	44	272	414	165	196	422	83
— P.T.O. driven	1,200	309,947	1	1	65	355	124	546	1
Semi-mounted, 1 or 2 castor wheels	3,228	968,320	1	461	1,096	186	802	593	1
Mounted	5,750	1,441,773	526	2,296	1,358	475	384	436	275
Rotary type (drawn or mounted)	266	102,390	1	18	176	1	1	1	24
Dump rakes	904	96,727	38	271	1	118	122	129	1
Side delivery rakes:									
Horse or tractor drawn - Ground driven	8,708	2,901,011	474	2,380	2,418	825	844	1,609	158
Power take-off - Tractor drawn	667	233,152	1	202	126	110	140	1	—
— Semi-mounted	359	145,652	1	1	—	1	1	1	—
— Mounted	611	214,217	64	87	234	1	1	82	102

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1957 - Continued
(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Haying machinery - Concluded									
Hay loaders	792	144,338	49	332	1	106	126	141	1
Hay or stook sweeps, (tractors)	169	29,011	1	—	1	1	1	96	1
Automatic hay balers:									
Power take-off - Wire	43	98,622	—	21	16	1	1	—	—
— Twine	8,121	10,419,436	348	1,329	2,873	745	1,269	1,427	130
Engine-driven - Wire	118	289,180	1	67	24	15	1	7	—
— Twine	2,630	3,987,530	155	820	660	199	252	406	138
Field bale loaders	953	180,592	1	1	309	34	133	289	1
Elevators or conveyors (primarily for baled hay)	4,507	1,203,674	184	1,097	2,267	262	201	404	92
All other haying machinery	—	121,541	—	—	—	—	—	—	—
Group total	—	23,313,764	—	—	—	—	—	—	—
Harvesting machinery									
Combines:									
Pull type:									
Under 8 ft. P.T.O.	1,268	1,817,448	1	73	744	106	99	171	1
Engine	465	809,410	23	25	100	49	69	171	28
8-10 ft. incl. P.T.O.	302	703,222	1	1	1	54	110	1	1
Engine	209	569,466	—	1	1	50	48	62	1
Over 10 ft. P.T.O.	192	647,913	—	—	—	50	97	1	1
Engine									
Self propelled:									
10 ft. and under	565	2,595,993	16	17	171	144	85	121	11
Over 10 ft.	1,873	9,736,703	1	19	125	277	750	691	1
Swathers and windrowers:									
Tractor drawn	2,726	1,885,315	5	23	56	517	1,234	877	14
Self-propelled	695	1,318,191	1	1	78	112	180	291	1
Grain binders	228	164,298	1	1	37	1	1	1	1
Corn pickers:									
Tractor drawn	114	113,784	—	—	114	—	—	—	—
Tractor mounted and self-propelled	73	108,779	—	—	73	—	—	—	—
Picker sheller (combination)	2	2	—	—	2	—	—	—	—
Forage crop harvesters:									
Basic machine only (flywheel or cylinder type)	1,264	1,504,422	31	87	804	76	74	159	33
Cutter bar hay attachments	286	98,754	3	56	112	46	18	32	19
Pick-up hay attachments	467	116,463	6	18	206	15	30	178	14
Row crop attachments	321	118,811	1	33	274	10	—	—	1
Shredder or hammer mill type	186	152,777	—	—	1	—	—	1	1
Rotary type with horizontal knife and discharge spout ...	87	77,533	—	1	1	1	1	1	—
Forage crop blowers	609	324,510	1	71	470	1	18	19	20

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1957 - Continued
(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Harvesting machinery - Concluded									
Potato diggers:									
Ground driven	35	13,586	1	—	1	—	—	1	1
Power take-off	256	146,801	86	111	1	1	1	1	1
Potato harvesters (pickers and combines)	241	113,195	1	130	1	1	1	1	1
Shredders and cutters (for corn stalks, orchard prunings, etc.)	347	115,508	3	1	299	1	—	1	1
Beet lifters, harvesters and loaders	176	219,034	—	1	106	1	—	54	—
Vegetable harvesters (other than for beets and potatoes) ..	20	6,605	—	1	1	—	—	—	—
All other harvesting machinery, such as headers, push harvesters, etc.	—	367,152	—	—	—	—	—	—	—
Group total	—	23,845,673	—	—	—	—	—	—	—
Machines for preparing crops for market or for use									
Threshers	263	375,898	1	141	117	—	—	1	—
Ensilage cutters (combination cutter blower)	112	63,457	1	54	6	1	1	27	—
Feed or roughage cutters, hand and power	90	64,096	—	1	—	1	1	1	—
Corn shellers - Power	24	2,565	—	—	24	—	—	—	—
Grain grinders:									
6 in. or less	318	26,682	1	1	1	65	1	1	—
Over 6 in.	2,287	162,000	65	1	363	1,382	261	181	1
Rollers or crushers (grain)	850	132,205	1	38	453	1	125	216	—
Cleaners for grain:									
Hand (fanning mills)	179	19,082	—	—	—	24	69	86	—
Power	2,749	408,426	—	1	1	460	1,779	472	1
Hammer mills - Electric driven	40	10,761	—	1	28	1	—	1	—
— P.T.O.	511	156,689	—	1	146	194	87	78	1
— Belt driven	1,586	331,108	23	82	661	132	187	475	26
Feed mixers	1,852	91,241	—	9	82	1	1	567	1
Sorters and graders:									
Potatoes (mainly)	80	25,179	1	1	39	1	—	1	—
Fruit and vegetable	75	45,141	—	1	1	1	—	—	—
Crop dryer with heating units (for grain, hay, etc.)	11	25,607	—	1	1	1	—	—	—
Tractor loaders	4,819	2,147,824	233	892	1,894	520	381	762	137
Grain elevators - Bucket type	909	107,014	—	1	422	65	1	235	1
— Auger type	14,097	1,026,793	1	702	2,447	2,807	2,912	4,616	1
Seed treaters	394	7,931	—	—	1	1	151	1	—
All other machines for preparing crops for market or use, such as waxers, washers, vegetable tying machines, etc.	—	303,989	—	—	—	—	—	—	—
Group total	—	5,533,688	—	—	—	—	—	—	—

See footnote page 12.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1957 — Continued
(Values at wholesale prices)

Type	Canada	
	Number of units sold	Value
		\$
Farm wagons, wagon trucks and sleighs		
Wagon boxes	340	49,785
Wagon gears (wood and steel wheel)	880	120,777
Gears or trailers — Pneumatic wheels (with or without tires)	9,089	1,131,763
Forage boxes	370	141,908
All other farm wagons, wagon trucks and sleighs	—	80,371
Group total	—	1,524,604
Barn equipment		
Feed and litter carriers	4,700	279,696
Hay forks and slings	1,564	19,359
Hay fork carriers or cars	1,410	59,044
Stable stalls and livestock pens (without stanchion units)	6,626	463,178
Cattle stanchions	36,890	262,343
Milking room stalls	309	42,827
Stock watering cups and bowls	68,128	422,941
Stock watering cups with heater	2	2
Gutter cleaners (power operated)	1,261	794,629
Miscellaneous barn equipment	—	519,289
Group total	—	2,863,306
Dairy machinery and equipment		
Milking machines:		
Vacuum pumps (excluding pail units)	4,554	545,170
Milker pail units	9,804	917,015
Milk pipeline (feet)	2	2
752	752	35,362
Cream separators — 300 lb. and under	7,878	1,203,022
— Over 300 lb.		
Farm milk coolers:		
Electrical refrigeration type:		
Standard unit	789	336,558
Bulk tank	1,146	2,200,279
Surface type	2	2
All other dairy machinery and equipment	—	230,692
Group total	—	5,468,098

See footnote page 12.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1957 — Concluded
(Values at wholesale prices)

Type	Canada	
	Number of units sold	Value
		\$
Pumps and irrigation equipment		
Sprinkler irrigation equipment:		
Pump and engine units — Under 5 h.p., under 50 gals. p.m.	8,833	1,211,177
— 5 h.p. or over, 50 gals. p.m. and over	158	91,791
Irrigation pipe and couplings (feet of pipe)	189,364	149,581
Irrigation sprinkler heads	2,817	24,406
All other pumps and irrigation equipment used for farm purposes including hand pumps, windmills, etc.	—	599,408
Group total	—	2,076,363
Spraying and dusting equipment (Orchard or garden)		
Sprayers:		
Field (weed, low volume, low pressure)	3,604	519,266
Row crop (all types)	391	110,105
Orchard:		
High pressure — Under 15 gal. p.m. capacity	220	123,572
— 15 gal. and over p.m. capacity	93	134,462
Air blast sprayers	85	245,322
Air blast attachments	24	25,436
All other spraying and dusting equipment	—	110,678
Group total	—	1,268,841
Miscellaneous farm equipment		
Beekeepers' supplies	²	²
Wagon unloaders	639	98,775
Silo unloaders	²	²
Post-hole diggers (tractor or power driven)	1,147	190,577
Land levellers and smoothers	981	190,508
Pull type ditchers	324	127,062
Poultry farm equipment	10,617	397,800
Metal grain storage bins	1,578	425,910
Miscellaneous equipment	—	2,011,102
Group total	—	3,441,734

¹ Less than three firms.

² Included in "All other" or miscellaneous category of its group.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1951-1957
(Values at wholesale prices)

Type	1951		1952		1953		1954		1955		1956		1957	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units ¹	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Tractors and engines, total	—	92,662	—	89,992	—	85,261	—	55,168	—	58,760	—	63,262	—	56,651
Tractors—farm use:														
Wheel type	49,552	86,929	44,103	84,077	39,127	77,553	25,358	50,338	25,825	52,837	23,627	54,874	21,730	52,395
Crawler type	988	3,542	1,218	3,795	1,288	4,914	944	3,091	1,429	4,310	2,213	6,958	654	2,523
Ploughs, total	—	15,454	—	18,235	—	16,870	—	10,201	—	8,225	—	8,019	—	8,952
Mouldboard ploughs, tractor drawn:														
Two furrow	6,061	1,147	4,925	1,006	2,553	527	1,485	307	1,460	298	1,107	238	865	192
Three furrow	7,937	2,072	6,459	1,799	4,040	1,165	2,282	667	2,046	611	1,647	482	1,544	511
Four furrow or larger	2,202	835	2,022	837	1,913	823	1,020	449	806	364	856	383	560	268
Mouldboard ploughs, tractor mounted	14,974	2,208	12,657	2,003	8,745	1,436	6,953	1,057	8,508	1,510	7,225	1,578	7,737	1,373
One-way discs:														
Under 5 ft.	8,398	3,891	3,362	4,430	727	178	278	79	219	77	1,683	724	223	63
5 ft. and over					5,246	1,753	2,331	1,185	1,104	590			1,552	909
Diskers:														
Under 10 ft.	6,084	3,883	8,894	7,179	1,330	777	907	684	607	350	437	238	209	162
10 ft. and over					9,525	7,921	5,686	4,581	3,850	3,026	3,769	3,014	4,285	3,463
Tilling, cultivating and weeding machinery, total	—	12,508	—	10,137	—	10,696	—	7,644	—	7,016	—	7,070	—	7,845
Drag harrows (sections)	55,899	654	53,570	819	67,317	1,208	61,880	1,170	34,685	731	37,430	790	40,225	817
Spring tooth harrows (sections)	11,868	537	9,837	465	7,824	388	8,315	380	7,378	293	5,964	308	5,929	324
Disc harrows tractor drawn	17,870	4,767	13,253	2,858	9,744	2,208	5,953	1,643	6,080	1,464	4,689	1,344	4,368	1,252
Soil pulverizers and packers	4,678	402	6,850	543	7,765	752	3,998	389	2,594	210	1,618	148	2,510	226
Cultivators:														
Row crop	3,602	567	3,733	624	2,598	453	2,317	400	2,536	441	2,431	428	1,810	309
Field	18,649	4,192	15,139	3,887	15,288	4,755	10,593	3,153	10,314	3,147	8,965	3,231	9,053	3,754
Row weeders	1,655	260	1,367	242	1,186	218	700	127	709	129	1,036	185	1,318	291
Planting, seeding and fertilizing machinery, total	—	9,516	—	9,151	—	8,130	—	5,707	—	5,341	—	6,094	—	6,526
Corn planters	1,072	244	827	190	841	196	782	180	1,169	272	898	203	912	222
Grain and fertilizer drills (combination)	5,119	2,111	4,015	1,460	2,650	1,049	1,582	684	1,512	736	1,627	795	1,015	561
Grain drills:														
Plain	6,284	2,824	5,214	2,979	3,604	2,179	2,054	1,025	1,294	581	1,725	808	1,467	763
Press	2,103	1,037	2,426	1,392	2,930	1,747	2,000	1,211	1,186	760	1,618	1,062	2,059	1,286
Fertilizer and lime sowers	1,929	246	1,335	245	1,661	289	1,220	207	1,129	213	1,145	229	905	247
Manure spreaders:														
Power take-off, 2-wheel	9,547	2,728	8,218	2,604	1,587	587	924	399	1,404	625	1,477	695	1,447	773
4-wheel					358	130	158	79	184	86	157	73	247	127
Ground drive, 2-wheel					3,729	1,191	3,676	1,185	4,138	1,358	4,883	1,643	4,739	1,758
Horse drawn					1,553	468	1,167	344	1,057	319	718	196	693	216
Haying machinery, total	—	14,844	—	17,230	—	19,787	—	17,730	—	19,820	—	27,245	—	23,314
Mowers:														
Cutter bar type:														
Drawn—Ground driven (horse or tractor)	15,771	3,101	17,937	3,898	14,089	3,171	11,270	2,635	12,364	2,933	956	212	1,596	427
—P.T.O. driven											442	140	1,200	310
Semi-mounted, 1 or 2 castor wheels											6,043	1,570	3,228	968
Mounted											5,326	1,323	5,750	1,442
Rotary type (drawn or mounted)	7,048	1,427	6,013	1,330	4,201	1,019	2,279	566	1,667	412	177	67	266	102
Hay loaders											975	257	792	144
Dump rakes	5,615	454	5,572	503	2,764	255	1,537	148	1,294	126	1,032	108	904	97
Side delivery rakes:														
Horse or tractor drawn—ground driven	8,224	1,956	8,761	2,125	8,388	2,106	8,238	2,225	9,342	2,679	10,349	3,182	8,708	2,901
Power take-off—tractor drawn	1,222	369	905	316	1,018	356	594	202	469	189	895	306	667	233

See footnote at end of table.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1951-1957—Concluded
(Values at wholesale prices)

Type	1951		1952		1953		1954		1955		1956		1957	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Haying machinery—Concluded														
Automatic hay balers:														
Power take-off:														
Wire	3,110	5,235	74	132	2,954	3,347	4,043	4,695	4,980	6,160	53	98	43	99
Twine			1,364	1,466							8,474	10,339	8,121	10,415
Engine driven and self propelled:			382	891	342	740	250	560	159	350	186	404	118	289
Wire			2,095	4,108	3,120	5,127	2,773	4,186	2,581	3,671	3,453	4,960	2,630	3,988
Twine														
Harvesting machinery, total	—	58,641	—	74,336	—	69,580	—	26,195	—	27,564	—	34,753	—	23,846
Combines:														
Pull type:														
Under 8 ft. P.T.O.	7,532	13,188	9,057	16,165	6,767	11,118	2,379	3,882	2,417	3,817	2,617	5,048	1,268	1,817
Engine													1,465	809
8-10 ft. incl. P.T.O.					679	2,103	249	686	404	1,056	292	801	302	703
Engine													209	569
Over 10 ft. P.T.O.													192	648
Engine														
Self-propelled:														
Ten feet and under	7,965	33,011	10,585	45,631	861	3,443	716	2,712	503	1,874	641	2,705	565	2,596
Over ten feet					9,216	41,196	2,683	12,160	3,146	13,965	3,238	16,752	1,873	9,737
Swathers or windrowers	8,866	5,125	10,160	6,433	8,905	6,252	4,081	2,916	4,491	3,252	6,085	5,723	3,421	3,204
Grain binders	6,307	2,283	4,219	2,160	1,903	1,082	1,056	568	791	413	705	370	228	169
Forage crop harvesters, including corn	1,408	1,573	2,079	2,258	1,831	2,347	1,539	1,914	1,230	1,716	1,455	1,917	1,264	1,504
Machines for preparing crops for market or use, total	—	11,382	—	11,324	—	7,716	—	4,581	—	4,933	—	4,768	—	5,534
Threshers	2,687	4,539	2,410	4,102	1,123	1,913	607	940	538	1,005	364	556	263	376
Ensilage cutters	1,083	522	687	336	539	295	397	194	345	191	226	118	112	63
Grain grinders:														
6 in. or less	720	115	287	36	140	18	111	19	158	24	70	11	318	27
Over 6 in.	5,071	321	4,621	316	3,384	212	3,230	197	3,776	235	3,127	189	2,287	162
Cleaners for grain:														
Hand and power	3,491	442	3,291	439	3,558	495	2,484	370	2,223	315	2,496	371	2,928	428
Hammermills	4,587	943	5,106	1,030	2,851	542	2,583	510	2,793	558	1,997	439	2,137	488
Feed mixers	1,456	146	2,340	120	2,344	108	1,897	89	1,976	98	1,988	108	1,852	91
Dairy machinery and equipment, total	—	3,398	—	3,011	—	3,566	—	3,414	—	3,953	—	4,787	—	5,468
Milking machines (complete equipment less milker pail units) ²	5,160	1,133	3,875	497	4,580	539	4,564	422	5,396	517	4,824	530	4,554	541
Milker pail units	1,204	82	8,062	588	9,332	748	10,183	866	9,644	878	10,902	1,002	9,804	917
Cream separators:														
300 lb. and under	1,479	51	1,638	66	1,504	63	1,156	39	1,002	32	1,523	59	752	31
Over 300 lb.	13,135	1,487	10,305	1,163	11,757	1,277	10,926	1,368	11,148	1,509	9,832	1,558	7,878	1,200
Farm milk coolers (electrical refrigeration type):														
Standard unit	1,692	555	1,153	419	1,750	721	1,593	625	1,686	897	865	266	787	337
Bulk tank											585	1,138	1,146	2,200

¹ Number of units sold represent sales to user. In previous years, units sold were suppliers' sales to dealer.

² For 1951, this includes milker pail units sold with milking machines. These were not included under "milker pail units" for that year.

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FARM IMPLEMENT AND EQUIPMENT SALES 1958

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Other occasional reports and 1951 Census reports on retail trade are shown in a complete list of publications of the Dominion Bureau of Statistics which is available on request from the Information Services Division, D.B.S., or from the Queen's Printer, Ottawa.

FARM IMPLEMENT AND EQUIPMENT SALES

1958

The sales of new farm implements and equipment in 1958 totalled \$172,014,376, an increase of 14.7 percent over the 1957 total. Repair part sales were practically unchanged from the previous year so that the total of whole machines and parts, at \$205,993,039, was 12.1 percent higher than the 1957 total. All major commodity groups showed increased sales, ranging from a 24.5 percent gain in harvesting machinery to one of 6.0 percent for planting and seeding. More than one third of the dollar volume of sales is accounted for by tractors, with a total of \$63,171,496.

The data contained in this report are comparable to the 1957 report in that the change in level of reporting and the "coverage" as undertaken for 1957 has been continued. Sales of units represent, in the main, the number sold to users while the dollar sales remain at the wholesale level. The policy of the Dominion Bureau of Statistics is to avoid disclosure of information of individual firms and for this reason certain items are not shown. In some

cases a figure representing three or more firms has been omitted to "cover" one of less than three firms.

Again, no mark-up factor is available to convert the wholesale level to the retail or "farmer-expenditure" level. Reporting manufacturers and importers cannot accurately state the mark-up of the great number of independent dealers who handle their products. This report does not include used machinery, motor trucks, binder twine, export sales of Canadian manufacturers or industrial machinery not primarily for farm use.

The major groups, or main line implements, represent the total of goods manufactured and sold in Canada and of goods imported and sold in Canada. The minor groups such as barn equipment, spraying and irrigation equipment represent only the sales of such items made by companies primarily engaged in the farm trade; they do not include companies whose major activity lies outside the farm equipment field but who may produce or sell such equipment.

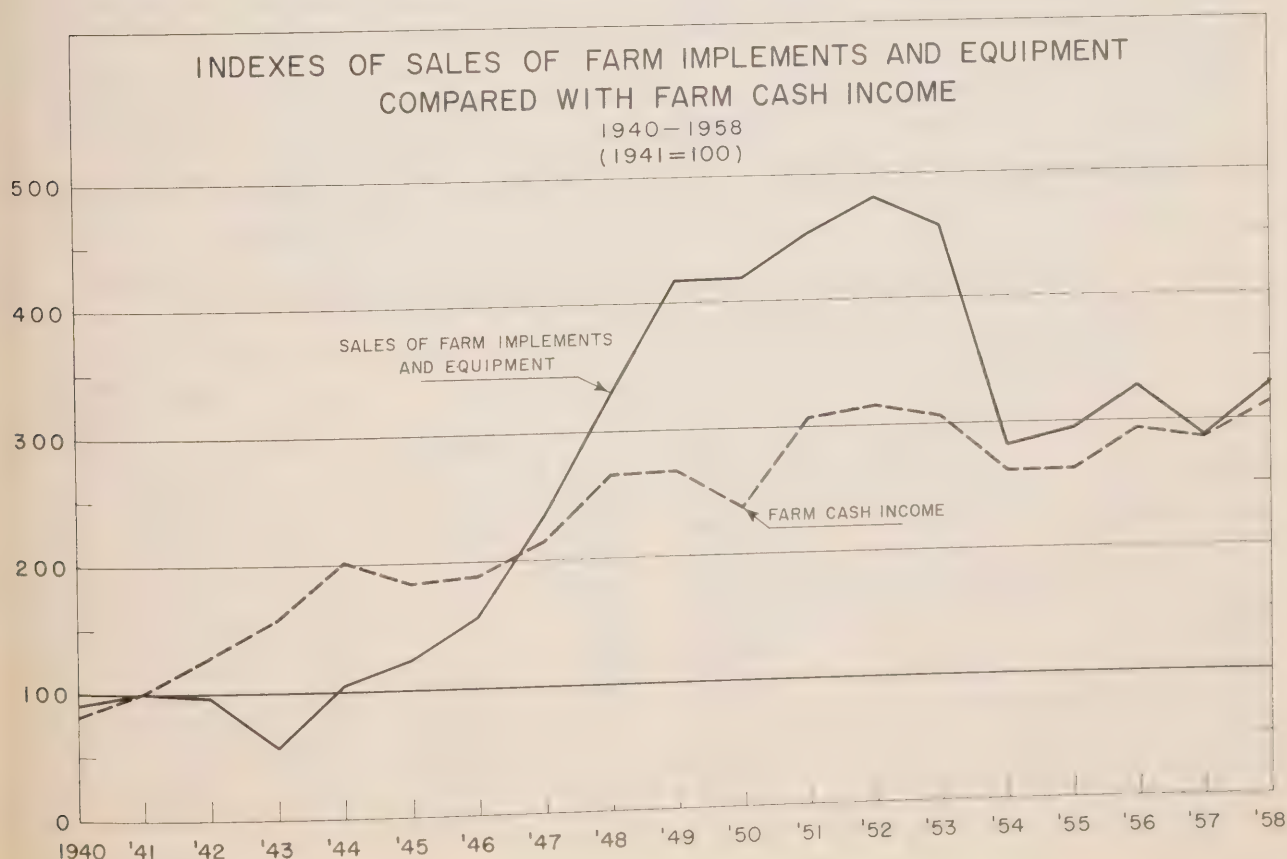


TABLE 1. Farm Implement and Equipment Sales, (Including Repair Parts) by Provinces, 1952-1958

(Values at wholesale prices)

Province	1952	1953	1954	1955	1956	1957 ¹	1958	Percentage change 1958/57
	dollars							%
Canada	281,509,187	269,869,172	174,038,491	181,576,398	202,592,127	183,721,649	205,993,039	+12.1
Atlantic Provinces	10,099,877	8,828,886	6,229,393	7,843,010	8,485,890	6,369,173	6,897,786	+ 8.3
Quebec	26,191,241	23,219,262	19,456,223	24,454,624	26,630,438	27,954,950	30,455,335	+ 8.9
Ontario	57,614,224	51,534,810	45,368,336	50,053,037	49,265,892	46,152,225	50,060,232	+ 8.5
Manitoba	35,387,471	31,994,197	18,854,021	18,609,712	22,532,551	18,699,296	21,530,215	+15.1
Saskatchewan.....	85,622,137	90,438,449	45,271,951	40,328,513	50,104,179	41,568,005	46,421,324	+11.7
Alberta	60,883,477	58,759,954	34,043,228	34,380,094	39,676,998	38,213,577	45,504,705	+19.1
British Columbia	5,710,760	5,093,614	4,815,339	5,907,408	5,896,179	4,764,423	5,123,442	+ 7.5

TABLE 2. Sales of Repair Parts, by Provinces, 1952-1958

(Values at wholesale prices)

Province	1952	1953	1954	1955	1956	1957	1958	Percentage change 1958/57
	dollars							%
Canada	31,231,946	31,818,818	27,335,796	28,451,964	31,824,672	33,820,056	33,978,663	+0.5
Atlantic Provinces	981,326	983,476	972,872	1,013,506	1,061,833	1,073,274	1,100,524	+2.5
Quebec	2,446,112	2,632,097	2,513,373	2,740,685	3,305,064	4,113,305	3,986,515	-3.1
Ontario	6,165,581	6,091,975	6,008,045	6,233,131	6,363,550	6,978,519	7,001,765	+0.3
Manitoba	3,809,424	3,963,885	3,315,757	3,535,101	3,944,453	3,985,737	3,835,412	-3.8
Saskatchewan.....	9,762,610	10,104,946	7,899,989	7,893,314	9,355,538	9,430,614	9,516,116	+0.9
Alberta	7,378,116	7,457,431	6,025,669	6,314,449	6,990,800	7,278,914	7,560,969	+3.9
British Columbia	688,777	585,008	600,091	721,778	803,434	959,693	977,362	+1.8

TABLE 3. Farm Implement and Equipment Sales, by Major Groups, Canada, 1954-1958

(Values at wholesale prices)

Major group	1954	1955	1956	1957 ¹	1958	Percentage change 1958/57
	dollars					%
All groups, total	146,702,695	153,124,434	170,767,455	149,901,593	172,014,376	+14.7
Tractors and engines	55,167,799	58,759,930	63,261,613	56,651,045	63,171,496	+11.5
Ploughs	10,201,207	8,225,170	8,018,905	8,951,685	9,790,207	+ 9.4
Tilling, cultivating and weeding machinery	7,643,885	7,016,388	7,070,472	7,844,897	9,655,652	+23.1
Planting, seeding and fertilizing machinery	5,707,091	5,340,978	6,093,885	6,702,950	7,103,526	+ 6.0
Haying machinery	17,729,936	19,819,888	27,245,257	23,566,449	26,256,593	+11.4
Harvesting machinery	26,194,827	27,564,201	34,753,405	23,983,627	29,850,837	+24.5
Machines for preparing crops for market or for use	4,581,470	4,933,373	4,768,171	5,555,649	6,101,837	+ 9.8
Farm wagons, wagon trucks and sleighs	1,643,289	1,433,265	1,805,227	1,526,949	1,900,279	+24.4
Barn equipment	2,523,752	2,670,882	2,636,833	2,863,306	3,521,308	+23.0
Dairy machinery and equipment.....	3,414,180	3,952,773	4,787,248	5,468,098	6,488,477	+18.7
Spraying and dusting equipment	1,850,814	1,995,660	1,770,178	1,268,841	1,558,162	+22.8
Miscellaneous farm equipment.....	10,044,445	11,411,926	8,556,261	5,518,097	6,616,002	+19.9

¹ Revised

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1958

(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Tractors and engines									
Tractors—farm use: (h.p. ratings range up to but do not include the top limit in each class).									
Wheel type:									
Under 10 h.p.	159	163,334	1	1	1	1	1	1	1
10 to 20 h.p.	998	1,660,000	148	232	490	1	1	45	36
20 to 25 h.p. — Diesel	2,322	4,465,139	175	977	856	65	41	63	145
Other	6,423	12,218,571	418	2,460	2,413	239	171	427	295
25 to 30 h.p. — Diesel	689	1,642,646	42	127	161	121	120	1	1
Other	1,014	2,358,186	109	143	389	109	85	138	41
30 to 35 h.p. — Diesel	1,271	3,967,838	24	110	235	304	366	220	12
Other	3,478	8,110,983	141	678	1,133	333	493	619	81
35 to 40 h.p. — Diesel	997	3,196,861	1	122	248	208	225	174	1
Other	2,032	5,699,240	22	71	219	167	793	742	18
40 to 45 h.p. — Diesel	1,935	7,453,288	—	44	40	310	930	605	6
Other	321	1,002,603	1	7	27	16	121	144	1
45 h.p. and over— Diesel	1,305	5,867,457	—	8	7	126	583	569	12
Other	240	769,927	1	1	1	1	117	103	1
Total wheel type	23,184	58,576,073	1,131	5,018	6,269	2,047	4,060	3,948	711
Crawler type:									
Under 25 h.p.	466	1,493,526	1	186	109	1	1	42	75
25 to 35 h.p.	90	503,990	1	35	11	1	1	1	7
35 to 45 h.p.	48	387,996	—	1	1	15	1	21	1
45 h.p. and over	18	193,061	—	—	—	1	10	1	—
Garden tractors:									
One and two wheel	1,666	301,779	1	84	522	208	302	276	1
Three and four wheel	275	96,531	1	1	200	14	1	1	1
Gas engines and power units:									
Farm use only	7,849	513,418	463	499	1,493	1,020	1,693	2,282	399
All other tractors and engines	—	1,105,122	—	—	—	—	—	—	—
Group total	—	63,171,496	—	—	—	—	—	—	—
Ploughs									
Mouldboard ploughs:									
Tractor drawn:									
One furrow	47	5,749	1	1	1	—	—	—	—
Two furrow	718	169,308	179	125	267	40	1	89	1
Three furrow	1,232	399,928	58	57	633	142	35	293	14
Four furrow or larger	605	304,148	1	1	61	178	46	308	6
Tractor mounted:									
One furrow	346	37,262	94	86	58	8	1	1	95
Two furrow	4,774	848,627	252	2,888	1,386	53	29	56	110
Three furrow or larger	3,292	917,358	71	959	1,869	69	46	225	53
Disc ploughs:									
Tractor drawn	297	152,971	—	1	13	75	1	75	4
Tractor mounted	161	43,026	1	65	63	9	5	1	12
One-Way discs — Under 5 ft.	29	9,397	—	—	1	1	1	1	1
— 5 ft. and over	470	279,064	1	—	1	58	164	244	1
Diskers — Under 10 ft.	804	544,320	—	—	—	1	641	98	1
— 10 ft. and over	4,290	3,929,653	—	—	1	601	2,467	1,215	1

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1958 - Continued

(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Ploughs - Concluded									
Seed boxes for one-way discs	2	2	—	—	—	2	2	2	—
Seed boxes for diskers	2, 128	485, 290	—	—	—	1	1, 569	351	1
Breaker ploughs	2	2	—	—	2	2	2	2	2
Rotary tillers and cultivators:									
Garden (under 10 h.p. approx.)	11, 015	1, 226, 987	175	341	3, 713	1, 516	2, 396	1, 474	1, 400
Field (10 h.p. and over, P.T.O. or engine)	146	100, 447	—	38	1	1	—	—	1
All other ploughs	—	336, 672	—	—	—	—	—	—	—
Group total	—	9, 790, 207	—	—	—	—	—	—	—
Tilling, cultivating and weeding machinery									
Harrows:									
Drag harrows (sections)	32, 623	740, 947	89	1, 191	3, 848	7, 564	12, 174	7, 416	341
Spring tooth harrows (sections)	4, 860	288, 664	594	1, 378	1, 593	464	449	335	47
Disc harrows:									
Tractor drawn - Single	74	18, 191	—	1	1	7	—	7	1
- Tandem: Wheel type	1, 886	897, 977	37	244	896	29	117	521	42
Other	2, 693	680, 520	127	1, 001	1, 006	86	128	275	70
Tractor mounted - Single	84	17, 328	1	1	1	1	1	32	1
- Tandem	1, 205	304, 382	40	336	573	19	24	57	156
Land rollers	85	10, 183	—	1	1	—	—	1	—
Soil pulverizers and packers (8 ft. and over)	856	129, 225	—	—	339	1	1	1	1
Soil pulverizers and packers (incl. sections) under 8 ft. ..	2, 646	181, 877	—	—	61	1	2, 130	435	1
Sufflers and cultivators:									
Sufflers	2	2	2	2	2	2	—	—	—
Row crop cultivators (corn, beet, bean, etc.):									
Horse or tractor drawn - One row	67	12, 123	—	1	65	—	1	—	—
Tractor mounted - One row	817	123, 718	70	68	610	17	1	1	21
- Two row	723	173, 629	108	135	413	25	1	1	26
- Four row	208	71, 738	1	1	128	21	1	6	6
Field cultivators:									
Tractor drawn - Conventional type	2, 576	933, 071	12	68	783	778	503	417	15
- Heavy duty, deep tillage type	6, 453	3, 614, 766	1	12	91	705	3, 720	1, 914	1
Tractor mounted	1, 744	312, 800	15	231	986	134	100	196	82
Rod weeders	2, 372	639, 668	—	—	1	1	1, 490	866	—
Rotary hoes - Sections - (Ground driven, teeth or wheel) ..	365	40, 864	1	15	297	19	1	11	1
All other cultivating and tillage machinery	—	463, 981	—	—	—	—	—	—	—
Group total	—	9, 655, 652	—	—	—	—	—	—	—
Planting, seeding and fertilizing machinery									
Corn planters - Horse or tractor drawn	349	105, 448	1	5	324	11	1	1	—
- Tractor mounted	299	48, 495	1	25	267	1	1	1	1
Potato planters	198	99, 314	64	47	43	1	8	1	14
Vegetable seeders (radish, onions, lettuce, etc.)	440	8, 861	—	—	1	1	1	1	1
Transplanters	583	178, 283	1	41	502	—	—	1	1
Grain and fertilizer drills (combination)	1, 357	789, 431	59	352	901	1	1	19	19
Grain drills - Plain	1, 058	558, 627	24	153	158	165	164	374	20
- Press	1, 798	1, 276, 333	1	1	1	111	736	890	1
Broadcast seeders, horse or tractor drawn	539	28, 173	—	1	420	1	1	1	—
Fertilizer and lime sowers, horse or tractor drawn	1, 573	334, 924	186	359	566	11	8	385	58

See footnotes page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1958 - Continued

(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Planting, seeding and fertilizing machinery—Concluded									
Anhydrous ammonia applicators	58	21,007	—	¹	¹	—	—	—	—
Manure spreaders:									
Power take-off, 2-wheel	2,501	1,269,262	112	538	1,488	75	73	167	48
4-wheel	260	143,151	¹	¹	120	14	¹	108	¹
Ground drive, 2-wheel	4,872	1,791,934	308	1,582	1,972	207	201	463	139
Horse-drawn	294	102,593	44	111	130	¹	¹	¹	—
All other planting, seeding and fertilizing machinery	—	347,690	—	—	—	—	—	—	—
Group total	—	7,103,526	—	—	—	—	—	—	—
Haying machinery									
Mowers:									
Cutter bar type:									
Horse or tractor drawn — Ground driven	952	299,138	21	151	707	¹	¹	11	¹
Power take-off — Tractor drawn	2,911	976,943	151	585	854	361	422	463	75
— Semi-mounted	4,830	1,402,984	167	1,132	738	575	1,003	1,131	84
— Fully-mounted	4,549	1,270,313	354	1,463	1,332	306	347	545	202
Rotary type (drawn or mounted)	277	97,865	38	24	151	¹	20	¹	23
Dump rakes	394	57,089	61	167	¹	¹	29	82	¹
Side delivery rakes:									
Horse or tractor drawn — Ground driven	9,630	3,412,374	578	2,435	2,449	1,041	1,166	1,856	105
Power take-off — Semi-mounted	989	392,816	14	467	105	26	180	¹	¹
— Fully-mounted	771	261,112	80	181	205	49	18	181	57
Hay loaders	567	106,268	65	400	33	¹	18	36	¹
Hay or stook sweeps, (tractors)	120	22,524	—	—	¹	¹	—	61	¹
Automatic hay balers:									
Power take-off — Wire	37	63,562	¹	23	8	3	¹	—	—
— Twine	9,377	11,739,753	308	1,418	2,597	942	1,778	2,149	185
Engine-driven — Wire	96	220,138	¹	62	20	6	¹	¹	—
— Twine	1,934	2,998,730	156	577	382	158	155	353	153
Field bale loaders	909	141,402	¹	133	297	30	179	244	¹
Elevators or conveyors (primarily for baled hay)	13,675	2,144,649	¹	1,949	5,799	1,761	1,428	2,158	¹
All other haying machinery	—	648,933	—	—	—	—	—	—	—
Group total	—	26,256,593	—	—	—	—	—	—	—
Harvesting machinery									
Combines:									
Pull type:									
Under 8 ft. P.T.O.	1,206	1,883,119	76	120	730	¹	69	150	¹
Engine	426	840,806	15	38	48	87	84	143	11
8-10 ft. incl. P.T.O.	400	1,006,545	¹	¹	141	73	119	57	¹
Engine	172	491,453	—	—	¹	29	58	56	¹
Over 10 ft. P.T.O.	295	947,180	—	—	—	68	156	¹	¹
Engine									
Self propelled:									
10 ft. and under	853	3,881,500	23	60	215	152	135	256	12
Over 10 ft.	2,297	12,407,453	—	¹	95	256	974	942	¹
Swathers and windrowers:									
Tractor drawn	2,377	1,665,603	⁴	31	147	403	1,034	749	9
Self-propelled	1,157	2,210,072	¹	55	131	172	378	417	¹
Grain binders	²	²	—	²	²	—	²	²	—

See footnotes page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1958 - Continued

(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Harvesting machinery - Concluded									
Corn pickers:									
Tractor drawn	236	266,643	—	—	236	—	—	—	—
Tractor mounted and self-propelled	65	101,042	—	—	65	—	—	—	—
Picker sheller (combination)	3	4,762	—	—	3	—	—	—	—
Forage crop harvesters:									
Basic machine only, (All types)	1,467	1,716,097	39	129	684	124	104	233	154
Attachments:									
Cutter bar hay	191	83,841	¹	57	65	24	14	23	¹
Pick-up hay	395	118,024	¹	19	138	12	15	205	¹
Row crop	357	146,823	¹	59	260	8	¹	¹	7
Forage crop blowers	501	285,324	5	99	362	5	14	8	8
Potato diggers:									
Ground driven	34	11,808	¹	¹	¹	—	¹	¹	¹
Power take-off	214	130,466	72	92	21	6	¹	9	¹
Potato harvesters (pickers and combines)	356	249,370	221	93	31	¹	¹	¹	¹
Shredders and cutters (for corn stalks, orchard prunings, etc.)	605	231,390	¹	¹	479	49	32	¹	3
Beet lifters, harvesters and loaders	198	270,406	—	7	91	10	—	90	—
Vegetable harvesters (other than for beets and potatoes) ..	²	²	—	²	²	—	—	²	—
All other harvesting machinery, such as headers, push harvesters, etc.	—	901,110	—	—	—	—	—	—	—
Group total	—	29,850,837	—	—	—	—	—	—	—
Machines for preparing crops for market or for use									
Threshers	259	383,302	¹	146	86	¹	¹	¹	¹
Ensilage cutters (combination cutter blower)	112	68,304	—	49	¹	¹	¹	45	—
Feed or roughage cutters, hand and power	35	19,918	—	—	—	¹	—	¹	—
Corn shellers - Power	30	7,123	—	—	30	—	—	—	—
Grain grinders:									
6 in. or less	379	14,070	¹	¹	104	¹	¹	53	¹
Over 6 in.	2,709	186,886	58	18	260	1,590	458	298	27
Rollers or crushers (grain)	1,087	265,421	¹	51	330	92	198	411	¹
Cleaners for grain:									
Hand (fanning mills)	223	31,076	—	—	—	66	109	48	—
Power	1,248	270,694	—	¹	¹	269	605	347	—
Hammer mills - Electric driven	224	44,809	—	¹	155	54	¹	—	—
— P.T.O.	815	279,053	—	¹	152	297	73	273	¹
— Belt driven	1,912	440,676	23	105	608	282	343	526	25
Feed mixers	241	76,342	¹	17	109	63	¹	44	—
Sorters and graders:									
Potatoes (mainly)	59	15,452	¹	¹	21	—	¹	¹	—
Fruit and vegetable	78	42,568	—	¹	¹	—	—	—	—
Crop dryer with heating units (for grain, hay, etc.)	95	127,911	¹	¹	¹	¹	60	¹	¹
Tractor loaders	5,882	2,455,315	201	1,185	2,474	491	421	997	113
Grain elevators - Bucket type	608	52,427	—	—	331	¹	¹	131	—
— Auger type	16,140	1,191,390	¹	278	4,838	2,736	3,427	4,775	¹
Seed treaters	²	²	—	—	—	²	²	²	—
All other machines for preparing crops for market or use, such as waxers, washers, vegetable tying machines, etc.	—	129,100	—	—	—	—	—	—	—
Group total	—	6,101,837	—	—	—	—	—	—	—

See footnotes page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1958 — Continued
(Values at wholesale prices)

Type	Canada	
	Number of units sold	Value
		\$
Farm wagons, wagon trucks and sleighs		
Wagon boxes	1,402	206,378
Wagon gears (wood and steel wheel)	1,875	318,020
Gears or trailers — Pneumatic wheels (with or without tires)	7,879	1,053,616
Forage boxes	551	228,557
All other farm wagons, wagon trucks and sleighs	—	93,708
Group total	—	1,900,279
Barn equipment		
Feed and litter carriers	3,977	241,511
Hay forks and slings	1,223	18,481
Hay fork carriers or cars	887	35,887
Stable stalls and livestock pens (without stanchion units)	6,682	524,953
Cattle stanchions	42,463	308,427
Milking room stalls	555	70,950
Stock watering cups and bowls	80,214	524,266
Gutter cleaners (power operated)	1,639	1,370,216
Miscellaneous barn equipment	—	426,617
Group total	—	3,521,308
Dairy machinery and equipment		
Milking machines:		
Vacuum pumps (excluding pail units)	6,036	1,010,621
Milker pail units	11,241	1,124,119
Milk pipeline (feet)	65,890	138,288
Cream separators — 300 lb. and under	851	56,241
— Over 300 lb.	8,552	1,212,800
Farm milk coolers:		
Electrical refrigeration type:		
Standard unit	1,241	469,266
Bulk tank	1,308	2,403,560
All other dairy machinery and equipment	—	73,582
Group total	—	6,488,477

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1958 — Concluded
(Values at wholesale prices)

Type	Canada	
	Number of units sold	Value
		\$
Pumps and irrigation equipment		
Sprinkler irrigation equipment:		
Pump and engine units — Under 5 h.p., under 50 gals. p.m.	505	84,061
— 5 h.p. or over, 50 gals. p.m. and over	276	229,609
Irrigation pipe and couplings (feet of pipe)	323,284	246,800
Irrigation sprinkler heads	6,514	33,931
All other pumps and irrigation equipment used for farm purposes including hand pumps, windmills, etc.	—	1,946,187
Group total	—	2,540,588
Spraying and dusting equipment (Orchard or garden)		
Sprayers:		
Field (weed, low volume, low pressure)	4,178	805,935
Row crop (all types)	429	146,279
Orchard:		
High pressure — Under 15 gal. p.m. capacity	138	53,466
— 15 gal. and over p.m. capacity	29	67,686
Air blast sprayers	88	290,232
Air blast attachments	10	11,885
All other spraying and dusting equipment	—	182,679
Group total	—	1,538,162
Miscellaneous farm equipment		
Wagon unloaders	311	55,153
Silo unloaders	11	9,752
Post-hole diggers (tractor or power driven)	1,104	184,117
Land levellers and smoothers	1,321	214,157
Pull type ditchers	95	24,257
Poultry farm equipment	—	465,408
Metal grain storage bins	1,058	359,657
Miscellaneous equipment	—	2,762,913
Group total	—	4,075,414

¹ Withheld to avoid disclosure of individual results.

² Included in "All other" or miscellaneous category of its group.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1952-1958

(Values at wholesale prices)

Type	1952		1953		1954		1955		1956		1957 ¹		1958	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units ²	Value	No. of units ²	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Tractors and engines, total	—	89,992	—	85,261	—	55,168	—	58,760	—	63,262	—	56,651	—	63,171
Tractors—Farm use:														
Wheel type	44,103	84,077	39,127	77,553	25,358	50,338	25,825	52,837	23,627	54,874	21,730	52,395	23,184	58,576
Crawler type	1,218	3,795	1,288	4,914	944	3,091	1,429	4,310	2,213	6,958	654	2,523	622	2,579
Ploughs, total	—	18,235	—	16,870	—	10,201	—	8,225	—	8,019	—	8,952	—	9,790
mouldboard ploughs, tractor drawn:														
Two furrow	4,925	1,006	2,553	527	1,485	307	1,460	298	1,107	238	865	192	718	169
Three furrow	6,459	1,799	4,040	1,165	2,282	667	2,046	611	1,647	482	1,544	511	1,232	400
Four furrow or larger	2,022	837	1,913	823	1,020	449	806	364	856	383	560	268	605	304
mouldboard ploughs, tractor mounted	12,657	2,003	8,745	1,436	6,953	1,057	8,508	1,510	7,225	1,578	7,737	1,373	8,412	1,803
One-way discs:														
Under 5 ft.	8,362	4,430	727	178	278	79	219	77	1,683	724	223	63	29	10
5 ft. and over			5,246	1,753	2,331	1,185	1,104	590			1,552	909	470	279
Disks:														
Under 10 ft.	8,894	7,179	1,330	777	907	684	607	350	437	238	209	162	804	544
10 ft. and over			9,525	7,921	5,686	4,581	3,850	3,026	3,769	3,014	4,285	3,463	4,290	3,930
Tilling, cultivating and weeding machinery, total	—	10,137	—	10,696	—	7,644	—	7,016	—	7,070	—	7,845	—	9,656
Drag harrows (sections)	53,570	819	67,317	1,208	61,880	1,170	34,685	731	37,430	790	40,225	817	32,623	741
Spring tooth harrows (sections)	9,837	465	7,824	388	8,315	380	7,378	293	5,964	308	5,929	324	4,860	289
Disc harrows tractor drawn	13,253	2,858	9,744	2,208	5,953	1,643	6,080	1,464	4,689	1,344	4,368	1,252	4,653	1,597
Soil pulverizers and packers	6,850	543	7,765	752	3,998	389	2,594	210	1,618	148	2,510	226	3,502	311
Cultivators:														
Row crop	3,733	624	2,598	453	2,317	400	2,536	441	2,431	428	1,810	309	1,815	381
Field	15,139	3,887	15,288	4,755	10,593	3,153	10,314	3,147	8,965	3,231	9,053	3,754	10,773	4,861
Row weeders	1,367	242	1,186	218	700	127	709	129	1,036	185	1,318	291	2,372	640
Planting, seeding and fertilizing machinery, total	—	9,151	—	8,130	—	5,707	—	5,341	—	6,094	—	6,703	—	7,104
Corn planters	827	190	841	196	782	180	1,169	272	898	203	912	222	648	154
Grain and fertilizer drills (combination)	4,015	1,460	2,650	1,049	1,582	684	1,512	736	1,627	795	1,015	561	1,357	789
Grain drills:														
Plain	5,214	2,979	3,604	2,179	2,054	1,025	1,294	581	1,725	808	1,467	763	1,058	559
Press	2,426	1,392	2,930	1,747	2,000	1,211	1,186	760	1,618	1,062	2,059	1,286	1,798	1,276
Fertilizer and lime sowers	1,335	245	1,661	289	1,220	207	1,129	213	1,145	229	977	264	1,573	335
Manure spreaders:														
Power take-off, 2-wheel	8,218	2,604	1,587	587	924	399	1,404	625	1,477	695	1,510	805	2,501	1,269
4-wheel			358	130	158	79	184	86	157	73	247	127	260	143
Ground drive, 2-wheel			3,729	1,191	3,676	1,185	4,138	1,358	4,883	1,643	5,017	1,869	4,872	1,792
Horse drawn			1,553	468	1,167	344	1,057	319	718	196	715	225	294	103
Haying machinery, total	—	17,230	—	19,787	—	17,730	—	19,820	—	27,245	—	23,567	—	26,257
Mowers:														
Cutter bar type:														
Horse or tractor drawn—Ground driven	17,937	3,898	14,089	3,171	11,270	2,635	12,364	2,933	956	212	1,596	427	952	299
Power take-off—Tractor drawn									442	140	1,800	494	2,911	977
—Semi-mounted									6,043	1,570	3,230	969	4,830	1,403
—Fully-mounted									5,326	1,323	5,750	1,442	4,549	1,270
Rotary type (drawn or mounted)									177	67	266	102	277	98
Hay loaders	6,013	1,330	4,201	1,019	2,279	566	1,667	412	975	257	792	144	567	106
Dump rakes	5,572	503	2,764	255	1,537	148	1,294	126	1,032	108	904	97	384	77
Side delivery rakes (all types)	9,666	2,441	9,456	2,473	8,914	2,444	9,904	2,906	11,634	3,652	10,553	3,559	11,390	3,559

See footnotes at end of table.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1952- 1958 - Concluded

(Values at wholesale prices)

Type	1952		1953		1954		1955		1956		1957 ¹		1958	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units ²	Value	No. of units ²	Value
Haying machinery—Concluded		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Automatic hay balers:														
Power take-off:														
Wire	74	132	2,954	3,347	4,043	4,695	4,980	6,160	53	98	43	99	37	11
Twine	1,364	1,466												
Engine driven and self propelled:														
Wire	382	891	342	740	250	560	159	350	186	404	118	289	96	2
Twine	2,095	4,108	3,120	5,127	2,773	4,186	2,581	3,671	3,453	4,960	2,630	3,988	1,934	2,9
Harvesting machinery, total	—	74,336	—	69,580	—	26,195	—	27,564	—	34,753	—	23,984	—	29,8
Combines:														
Pull type:														
Under 8 ft. P.T.O.	9,057	16,165	6,767	11,118	2,379	3,882	2,417	3,817	2,617	5,048	1,268	1,817	1,206	1,8
Engine														
8-10 ft. incl. P.T.O.														
Engine														
Over 10 ft. P.T.O.	679	2,103	249	686	404	1,056	292	801	192	648	295	9	9	9
Engine														
Self-propelled:														
Ten feet and under	10,585	45,631	861	3,443	716	2,712	503	1,874	641	2,705	565	2,596	853	3,8
Over ten feet														
Swathers or windrowers	10,160	6,433	8,905	6,252	4,081	2,916	4,491	3,252	6,085	5,723	3,421	3,204	3,534	3,8
Grain binders	4,219	2,160	1,903	1,082	1,056	568	791	413	705	370	228	164	164	1,7
Forage crop harvesters, (all types)	2,079	2,258	1,831	2,347	1,539	1,914	1,465	1,839	1,455	1,917	1,537	1,735	1,467	1,7
Machines for preparing crops for market or use, total	—	11,324	—	7,716	—	4,581	—	4,933	—	4,768	—	5,556	—	6,1
Threshers	2,410	4,102	1,123	1,913	607	940	538	1,005	364	556	263	376	259	3
Ensilage cutters	687	336	539	295	397	194	345	191	226	118	112	63	112	1
Grain grinders:														
6 in. or less	287	36	140	18	111	19	158	24	70	11	318	27	379	1
Over 6 in.	4,621	316	3,384	212	3,230	197	3,776	235	3,127	189	2,287	162	2,709	18
Cleaners for grain:														
Hand and power	3,291	439	3,558	495	2,484	370	2,223	315	2,496	371	2,928	428	1,471	30
Hammermills	5,106	1,030	2,851	542	2,583	510	2,793	558	1,997	439	2,137	488	2,951	70
Feed mixers	2,340	120	2,344	108	1,897	89	1,976	98	1,988	108	1,852	91	241	1
Dairy machinery and equipment, total	—	3,011	—	3,566	—	3,414	—	3,953	—	4,787	—	5,468	—	6,48
Milking machines (complete equipment less milker pail units)	3,875	497	4,580	539	4,564	422	5,396	517	4,824	530	4,554	545	6,036	1,0
Milker pail units	8,062	588	9,332	748	10,183	866	9,644	878	10,902	1,002	9,804	917	11,241	1,1
Cream separators:														
300 lb. and under	1,638	66	1,504	63	1,156	39	1,002	32	1,523	59	752	35	851	5
Over 300 lb.	10,305	1,163	11,757	1,277	10,926	1,368	11,148	1,509	9,832	1,558	7,878	1,203	8,552	1,2
Farm milk coolers (electrical refrigeration type):														
Standard unit	1,153	419	1,750	721	1,593	625	1,686	897	865	266	787	337	1,241	46
Bulk tank														
									585	1,138	1,146	2,200	1,308	2,40

¹ Revised.² Number of units sold represent sales to user. In previous years, units sold were suppliers' sales to dealer.³ Withheld to avoid disclosure of individual results.

CATALOGUE No.

63-203

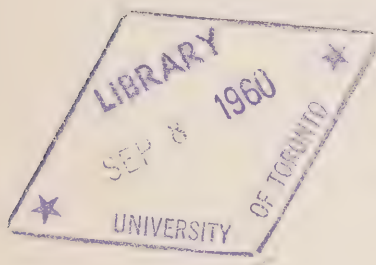
ANNUAL

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FARM IMPLEMENT AND EQUIPMENT SALES

1959



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PUBLICATIONS RELATING TO RETAIL TRADE

Catalogue number	Title	Price
(a) Weekly		
63-003	Percentage Change in Department Store Sales	per year \$2.00
(b) Monthly		
63-001	Chain Store Sales and Stocks	per year 1.00
63-002	Department Store Sales and Stocks.....	per year 1.00
63-004	Percentage Change in Department Store Sales (Preliminary).....	per year 1.00
63-005	Retail Trade.....	per year 3.00
63-007	New Motor Vehicle Sales and Motor Vehicle Financing	per year 1.00
61-004	Credit Statistics	per year 1.00
(c) Quarterly		
63-006	Retail Credit	per year 2.00
63-009	Farm Implement and Equipment Sales	per year 1.00
(d) Annual		
63-203	Farm Implement and Equipment Sales50
63-208	New Motor Vehicle Sales and Motor Vehicle Financing50
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63-210	Retail Chain Stores.....	.50
63-211	Sales Financing.....	.25
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63-401	Operating Results of Chain Clothing Stores50
63-402	Operating Results of Chain Drug Stores25
63-403	Operating Results of Chain Food Stores .....	.50
63-404	Operating Results of Chain Furniture Stores .....	.25
63-405	Operating Results of Chain Variety Stores .....	.25
63-406	Operating Results and Financial Structure of Independent Retail Clothing Stores .....	.75
63-407	Operating Results and Financial Structure of Independent Drug Stores .....	.50
63-408	Operating Results and Financial Structure of Filling Stations and Garages .....	.50
63-409	Operating Results and Financial Structure of Independent Food Stores.....	.50
63-410	Operating Results and Financial Structure of Independent Fuel Dealers.....	.50
63-411	Operating Results and Financial Structure of Independent General Stores .....	.50
63-412	Operating Results and Financial Structure of Independent Retail Hardware, Furniture, Appliance, Radio and Television Stores.....	.50
63-413	Operating Results and Financial Structure of Independent Jewellery Stores.....	.50
63-414	Operating Results and Financial Structure of Independent Restaurants.....	.50
63-415	Operating Results and Financial Structure of Independent Tobacco Stores.....	.50

Other occasional reports and 1951 Census reports on retail trade are shown in a complete list of publications of the Dominion Bureau of Statistics which is available on request from the Information Services Division, D.B.S., or from the Queen's Printer, Ottawa.

FARM IMPLEMENT AND EQUIPMENT SALES

1959

The increased rate of sales of farm implements and equipment evident in 1958 continued through 1959. New machines sold for \$212,231,379, a gain of 23.4 per cent over 1958 while the sale of repair parts increased 14.4 per cent. The total sales of the two amounted to \$251,118,817, the highest total since the peak years of 1951, 1952 and 1953. Harvesting machinery, with a gain of 47.8 per cent over 1958, contributed substantially to the higher level of machine sales; tractors recorded the second highest rate of increase at 25.0 per cent, contributing almost \$16 million to the total gain of \$40 million in new machinery sales. Two minor groups, dairy machinery and spraying equipment, had sales decreases in 1959.

The western provinces experienced the largest percentage gains, with Manitoba, Saskatchewan and British Columbia exceeding 30 per cent. Ontario, the heaviest in dollar weight, showed a 17.1 per cent gain and Quebec the smallest increase at 4 per cent.

The change made in 1957 (unit sales to user by provinces) is continued in this report. Dollar sales are mainly at the wholesale level, i.e. cost to dealer: Certain items are not shown to avoid disclosure of individual firms. In some cases, a figure representing three or more firms is also omitted in order to "cover" one of less than three firms. This report does not include the sales of used machinery, motor trucks, binder twine, export sales of Canadian manufacturers or industrial machinery and tractors not primarily sold for farm use.

The major groups, or main line implements, represent the total of goods manufactured and sold in Canada and of goods imported and sold in Canada. The minor groups such as barn equipment, spraying and irrigation equipment represent only the sales of such items made by companies primarily engaged in the farm trade; they do not include companies whose major activity lies outside the farm equipment field but who may produce or sell such equipment.

SALES OF FARM IMPLEMENTS AND REPAIR PARTS
1943-1959

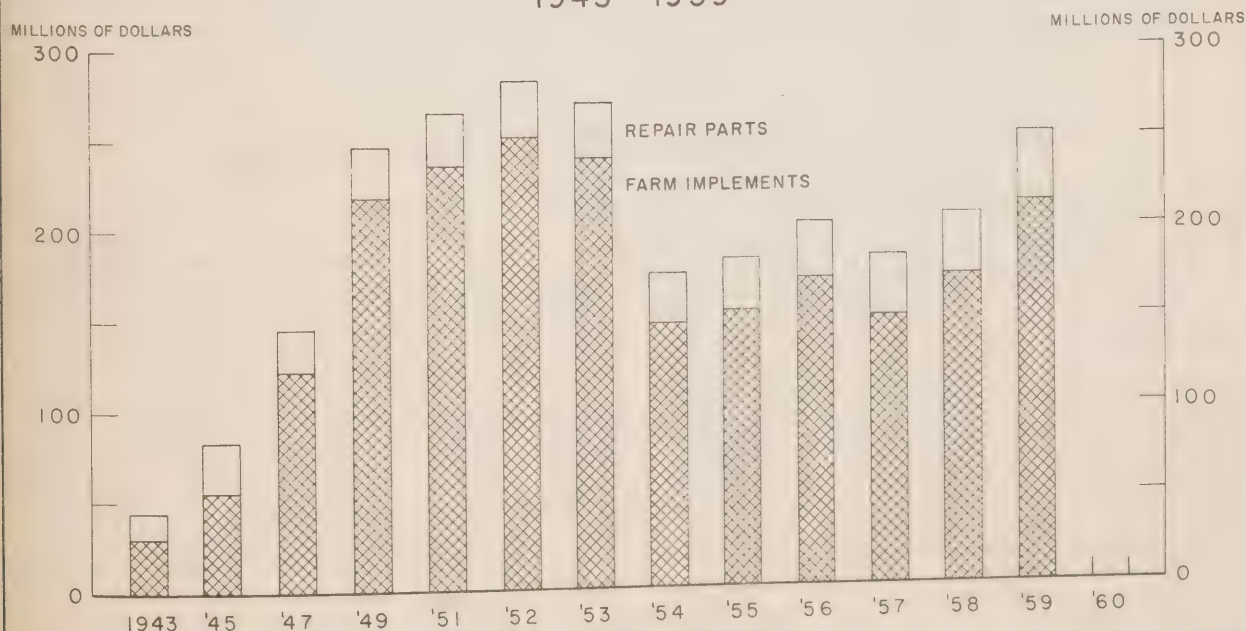


TABLE 1. Farm Implement and Equipment Sales, (Including Repair Parts) by Provinces, 1953-59

(Values at wholesale prices)

Province	1953	1954	1955	1956	1957	1958	1959	Percentage change 1959/58
	dollars							%
Canada	269,869,172	174,038,491	181,576,398	202,592,127	183,721,649	205,993,039	251,118,817	+21.9
Atlantic provinces	8,828,886	6,229,393	7,843,010	8,485,890	6,369,173	6,897,786	7,691,565	+11.5
Quebec	23,219,282	19,456,223	24,454,624	26,630,438	27,954,950	30,455,335	31,688,077	+ 4.0
Ontario	51,534,810	45,368,336	50,053,037	49,265,892	46,152,225	50,060,232	58,611,525	+17.1
Manitoba	31,994,197	18,854,021	18,609,712	22,532,551	18,699,296	21,530,215	28,571,930	+32.7
Saskatchewan	90,438,449	45,271,951	40,328,513	50,104,179	41,568,005	46,421,324	61,396,984	+32.3
Alberta	58,759,954	34,043,228	34,380,094	39,676,998	38,213,577	45,504,705	56,426,827	+24.0
British Columbia	5,093,614	4,815,339	5,907,408	5,896,179	4,764,423	5,123,442	6,731,909	+31.4

TABLE 2. Sales of Repair Parts, by Provinces, 1953-59

(Values at wholesale prices)

Province	1953	1954	1955	1956	1957	1958	1959	Percentage change 1959/58
	dollars							%
Canada	31,818,818	27,335,796	28,451,964	31,824,672	33,820,056	33,978,663	38,887,438	+14.4
Atlantic provinces	983,476	972,872	1,013,506	1,061,833	1,073,274	1,100,524	1,209,338	+ 9.9
Quebec	2,632,097	2,513,373	2,740,685	3,305,064	4,113,305	3,986,515	4,657,515	+16.8
Ontario	6,091,975	6,008,045	6,233,131	6,363,550	6,978,519	7,001,765	8,018,939	+14.5
Manitoba	3,963,885	3,315,757	3,535,101	3,944,453	3,985,737	3,835,412	4,490,250	+17.1
Saskatchewan	10,104,946	7,899,989	7,893,314	9,355,538	9,430,614	9,516,116	10,876,455	+14.3
Alberta	7,457,431	6,025,669	6,314,449	6,990,800	7,278,914	7,560,969	8,492,764	+12.3
British Columbia	585,008	600,091	721,778	803,434	959,693	977,362	1,142,177	+16.9

TABLE 3. Farm Implement and Equipment Sales, by Major Groups, Canada, 1955-59

(Values at wholesale prices)

Major group	1955	1956	1957	1958	1959	Percentage change 1959/58
	dollars					%
All groups, totals	153,124,434	170,767,455	149,901,593	172,014,376	212,231,379	+23.4
Tractors and engines	58,759,930	63,261,613	56,651,045	63,171,496	78,937,825	+25.0
Ploughs	8,225,170	8,018,905	8,951,685	9,790,207	11,188,874	+14.3
Tilling, cultivating and weeding machinery	7,016,388	7,070,472	7,844,897	9,655,652	11,919,868	+23.4
Planting, seeding and fertilizing machinery	5,340,978	6,093,885	6,702,950	7,103,526	7,894,126	+11.1
Haying machinery	19,819,888	27,245,257	23,566,449	26,256,593	30,655,070	+16.7
Harvesting machinery	27,564,201	34,753,405	23,983,627	29,850,837	44,122,245	+47.8
Machines for preparing crops for market or for use	4,933,373	4,768,171	5,555,649	6,101,837	7,509,637	+23.1
Farm wagons, wagon trucks and sleighs	1,433,265	1,805,227	1,526,949	1,900,279	1,993,795	+ 4.9
Barn equipment	2,670,882	2,636,833	2,863,306	3,521,308	3,868,853	+ 9.9
Dairy machinery and equipment	3,952,773	4,787,248	5,468,098	6,488,477	5,139,361	-20.8
Spraying and dusting equipment	1,995,660	1,770,178	1,268,841	1,558,162	1,466,491	- 5.9
Miscellaneous farm equipment	11,411,926	8,556,261	5,518,097	6,616,002	7,535,234	+13.9

FARM IMPLEMENT AND EQUIPMENT SALES

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1959

(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Tractors and engines									
Tractors — farm use: (h.p. ratings range up to but do not include the top limit in each class).									
Wheel type:									
Under 20 h.p. — Diesel	32	59,413	1	1	1	—	—	1	—
Other	761	1,185,494	105	151	403	30	1	38	1
20 to 25 h.p. — Diesel	4,419	9,082,402	393	1,477	1,802	197	104	144	302
Other	5,655	12,273,316	452	1,707	2,409	212	194	426	255
25 to 30 h.p. — Diesel	1,882	2,124,124	1	230	516	30	24	45	1
Other	1,070	2,790,764	81	293	332	78	103	142	41
30 to 35 h.p. — Diesel	1,582	4,954,084	46	237	295	338	385	250	31
Other	2,605	7,114,583	86	392	703	283	483	573	85
35 to 40 h.p. — Diesel	1,126	4,281,488	6	70	226	280	340	189	15
Other	1,531	5,018,996	1	83	223	137	589	462	1
40 to 45 h.p. — Diesel	2,852	11,755,025	1	67	86	503	1,291	885	1
Other	230	798,386	—	1	26	1	75	118	—
45 to 55 h.p. — Diesel	1,991	10,066,366	1	1	23	248	909	785	16
Other	123	388,611	—	—	1	1	51	62	1
55 h.p. and over — Diesel	578	2,624,340	—	1	1	1	1	1	1
Other	—	—	—	—	—	—	—	—	—
Total wheel type	25,437	74,517,392	1,208	4,742	7,064	2,373	4,808	4,405	837
Crawler type:									
Under 25 h.p.	438	1,462,674	1	148	94	55	1	40	73
25 to 35 h.p.	58	307,064	—	1	1	1	1	1	11
35 to 45 h.p.	33	250,927	—	4	1	1	1	1	1
45 h.p. and over	7	91,197	—	1	—	1	1	—	—
Garden tractors:									
One and two wheel	1,536	384,508	112	191	573	118	122	168	252
Three and four wheel	365	150,009	1	89	182	9	1	1	27
Gas engines and power units	11,108	672,351	1	1	2,218	2,053	2,273	3,056	444
All other tractors and engines	—	1,101,703	—	—	—	—	—	—	—
Group total	—	78,937,825	—	—	—	—	—	—	—
Ploughs									
Mouldboard ploughs:									
Tractor drawn:									
One furrow	17	2,661	1	1	1	—	—	—	1
Two furrow	581	157,319	78	217	212	11	1	48	1
Three furrow	1,053	404,336	78	123	642	80	1	91	1
Four furrow or larger	619	393,053	1	1	90	199	54	257	15
Tractor mounted:									
One furrow	367	45,820	107	87	114	1	1	1	48
Two furrow	4,186	798,596	391	2,384	1,151	47	16	76	121
Three furrow or larger	3,688	1,137,476	115	955	2,172	81	21	272	72
Disc ploughs:									
Tractor drawn:									
Tractor drawn	103	87,978	—	1	13	23	36	26	1
Tractor mounted	135	43,025	1	40	57	7	1	20	1
One-Way discs — Under 5 ft.									
— 5 ft. and over	689	605,609	—	1	1	302	286	90	1
Diskers — Under 10 ft.									
— 10 ft. and over	4,638	4,630,506	1	—	1	601	2,838	1,192	1

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1959 — Continued

(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Ploughs — Concluded									
Seed boxes for one-way discs	2	2	—	—	2	2	2	2	—
Seed boxes for diskers	1,884	568,569	—	—	1	254	1,383	244	1
Breaker ploughs	2	2	—	—	2	—	—	2	2
Rotary tillers and cultivators:									
Garden (under 10 h.p. approx.)	14,997	1,533,938	407	621	5,120	1,858	3,060	1,806	2,125
Field (10 h.p. and over, P.T.O. or engine)	259	161,006	—	118	89	1	—	1	1
All other ploughs	—	258,713	—	—	—	—	—	—	—
Group total	—	11,188,874	—	—	—	—	—	—	—
Tilling, cultivating and weeding machinery									
Harrow:									
Drag harrows (sections)	42,326	787,362	368	1,552	6,782	8,355	14,403	10,112	754
Spring tooth harrows (sections)	5,156	318,483	414	968	1,396	827	616	891	44
Disc harrows:									
Tractor drawn — Single	98	39,841	1	—	1	1	1	1	1
Tandem: Wheel type	1,603	825,289	24	20	609	56	99	692	103
Other	2,224	651,640	167	686	902	68	1	266	1
Tractor mounted — Single	100	43,177	1	—	90	1	—	1	1
Tandem	1,282	367,190	76	337	587	19	15	105	143
Land rollers	310	27,025	1	1	1	—	—	1	—
Soil pulverizers and packers (8 ft. and over)	442	87,337	—	1	247	1	1	1	—
Soil pulverizers and packers (incl. sections) under 8 ft.	4,354	353,545	—	1	48	256	3,241	807	1
Cultivators:									
Row crop cultivators (corn, beet, bean, etc.):									
Horse or tractor drawn — One row	60	6,613	—	—	1	—	—	1	—
Tractor mounted — One row	670	106,691	1	1	433	1	1	1	1
Two row	900	207,822	62	164	618	16	10	14	16
Four row	204	73,374	1	1	128	1	—	32	6
Field cultivators:									
Tractor drawn — Conventional type	2,460	818,072	16	95	1,039	632	354	317	7
Heavy duty, deep tillage type	8,235	5,017,926	1	1	130	1,126	4,522	2,388	51
Tractor mounted	1,210	256,865	24	227	535	145	102	158	19
Rod weeders	4,055	1,075,556	—	—	—	1	2,870	1,158	1
Rotary hoes — Sections — (Ground driven, teeth or wheel)	305	30,263	—	1	290	1	1	1	1
All other cultivating and tillage machinery	—	825,797	—	—	—	—	—	—	—
Group total	—	11,919,868	—	—	—	—	—	—	—
Planting, seeding and fertilizing machinery									
Corn planters — Horse or tractor drawn	372	119,890	1	8	357	1	—	—	1
Tractor mounted	590	85,753	3	28	486	7	1	1	1
Potato planters	174	106,687	51	28	31	1	1	25	22
Vegetable seeders (radish, onions, lettuce, etc.)	630	17,051	—	—	1	1	1	1	1
Transplanters	489	152,791	11	27	451	—	—	—	—
Grain and fertilizer drills (combination)	1,434	792,782	56	296	916	1	1	18	9
Grain drills — Plain	956	581,680	1	145	54	170	164	381	1
Press	1,937	1,524,142	—	—	1	209	710	1,005	1
Broadcast seeders, horse or tractor drawn	591	31,835	—	1	492	1	1	1	—
Fertilizer and lime sowers, horse or tractor drawn	1,802	370,887	185	275	797	18	5	454	68

See footnotes page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1959—Continued

(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Planting, seeding and fertilizing machinery—Concluded									
Anhydrous ammonia applicators	150	42,596	—	1	49	—	—	1	1
Manure spreaders:									
Power take-off, 2-wheel	2,634	1,520,887	97	495	1,482	126	96	234	104
4-wheel	498	219,723	1	1	162	29	39	186	7
Ground drive, 2-wheel	4,357	1,897,307	237	1,523	1,661	253	212	366	105
4-wheel	146	56,707	1	43	32	—	1	—	—
All other planting, seeding and fertilizing machinery	—	373,408	—	—	—	—	—	—	—
Group total	—	7,894,126	—	—	—	—	—	—	—
Haying machinery									
Mowers:									
Cutter bar type:									
Horse or tractor drawn—Ground driven	347	111,208	1	76	73	1	1	95	1
Power take-off — Tractor drawn	4,257	1,557,872	81	426	1,341	882	760	714	53
Semi-mounted	4,652	1,600,458	114	667	1,082	596	722	1,353	118
Fully-mounted	5,394	1,593,813	552	2,296	1,627	228	163	271	257
Rotary type (drawn or mounted)	335	124,295	15	36	211	26	1	1	30
Dump rakes	285	49,856	1	1	—	117	31	36	1
Side delivery rakes:									
Horse or tractor drawn—Ground driven	9,350	3,537,707	441	1,823	2,289	1,497	1,229	1,961	110
Power take-off — Semi-mounted	1,971	828,973	1	434	315	210	261	617	1
Fully-mounted	783	288,060	80	237	193	79	45	73	76
Hay conditioners	838	557,304	29	92	671	8	1	28	1
Hay loaders	214	55,332	28	90	33	1	24	30	1
Hay or stook sweeps, (tractors)	78	14,190	—	—	—	1	1	1	1
Automatic hay balers:									
Power take-off—Wire	51	97,564	1	39	1	1	1	1	—
Twine	10,942	14,770,391	430	1,457	3,334	1,363	1,982	2,166	210
Engine-driven — Wire	64	139,384	1	32	1	1	1	1	—
Twine	1,439	2,415,138	149	340	216	188	132	294	120
Field bale loaders	2,060	249,125	1	70	213	1,020	244	479	1
Elevators or conveyors (primarily for baled hay)	17,402	2,185,430	514	2,315	7,167	3,084	1,624	2,181	517
All other haying machinery	—	478,970	—	—	—	—	—	—	—
Group total	—	30,655,070	—	—	—	—	—	—	—
Harvesting machinery									
Combines:									
Pull type:									
Under 8 ft. P.T.O.	1,120	1,984,369	97	111	675	1	60	134	1
Engine	344	838,479	1	13	35	75	57	152	1
8-10 ft. incl. P.T.O.	536	1,499,249	1	1	1	98	237	91	1
Engine	216	645,844	—	1	1	67	96	44	—
Over 10 ft. P.T.O.	296	938,250	—	—	—	1	183	1	—
Engine	157	576,261	—	—	—	1	79	44	1
Self propelled:									
10 ft. and under	1,358	5,611,327	47	139	606	227	151	181	7
Over 10 ft.	3,542	21,352,413	1	1	124	406	1,461	1,510	32
Swathers and windrowers:									
Tractor drawn	3,381	2,566,175	5	21	146	536	1,604	1,059	10
Self-propelled	2,107	3,777,884	1	52	143	374	774	739	1
Grain binders	2	2	—	2	2	—	—	—	—

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1959 - Continued

(Values at wholesale prices)

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Harvesting machinery - Concluded									
Corn pickers:									
Tractor drawn	240	284,643	—	1	1	—	—	—	—
Tractor mounted and self-propelled	68	119,529	—	—	68	—	—	—	—
Picker sheller (combination)	12	22,444	—	—	12	—	—	—	—
Forage crop harvesters:									
Basic machine only, (All types)	1,592	1,789,988	37	147	730	147	117	291	123
Attachments:									
Cutter bar hay	228	101,613	1	71	70	32	1	30	4
Pick-up hay	206	61,911	—	1	105	1	24	44	4
Row crop	381	154,933	1	85	258	13	1	1	9
Forage crop blowers	421	262,647	1	91	274	1	7	20	19
Potato diggers:									
Ground driven	2	2	2	—	2	—	2	—	—
Power take-off - One row	136	70,861	52	39	1	1	1	1	5
Two row	95	78,278	56	7	1	1	1	1	1
Potato harvesters (pickers and combines)	226	198,274	143	43	33	1	1	1	1
Shredders and cutters (for corn stalks, orchard prunings, etc.)	497	328,975	1	37	264	1	1	47	1
Beet lifters, harvesters and loaders	86	194,944	1	1	33	1	—	32	—
All other harvesting machinery, such as headers, push harvesters, etc.	—	667,954	—	—	—	—	—	—	—
Group total.....	—	44,122,245	—	—	—	—	—	—	—
Machines for preparing crops for market or for use									
Threshers	155	244,468	1	71	69	—	1	1	—
Ensilage cutters (combination cutter blower)	35	20,270	1	1	1	1	1	—	—
Feed or roughage cutters, hand and power	2	2	—	—	—	2	2	2	2
Corn shellers - Power	16	6,709	—	1	1	1	—	—	—
Grain grinders:									
6 in. or less	385	7,909	1	1	121	1	1	1	—
Over 6 in.	2,190	167,852	25	11	224	1,451	247	178	54
Rollers or crushers (grain)	1,137	385,354	—	52	379	100	227	379	—
Cleaners for grain:									
Hand (fanning mills)	127	19,913	—	—	—	1	1	31	—
Power	1,227	264,678	—	1	1	278	582	354	—
Hammer mills - Electric driven	109	43,240	1	1	69	24	1	—	—
P.T.O.	801	305,031	1	1	157	265	31	302	1
Belt driven	1,712	450,334	1	90	660	220	345	362	1
Feed mixers	106	28,085	—	8	16	63	1	13	1
Sorters and graders:									
Potatoes (mainly)	35	10,476	1	1	12	—	—	—	—
Fruit and vegetable	2	2	—	2	2	—	—	—	—
Crop dryer with heating units (for grain, hay, etc.)	174	449,647	—	1	7	1	127	29	—
Tractor loaders	7,645	3,337,434	329	1,550	3,390	583	701	809	283
Grain elevators - Bucket type	247	43,133	1	1	121	1	1	1	1
Auger type	18,794	1,467,207	1	613	5,808	4,129	3,692	4,058	1
All other machines for preparing crops for market or use, such as waxers, washers, vegetable tying machines, etc.	—	257,897	—	—	—	—	—	—	—
Group total.....	—	7,509,637	—	—	—	—	—	—	—

See footnotes page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1959 — Continued
(Values at wholesale prices)

Type	Canada	
	Number of units sold	Value
		\$
Farm wagons, wagon trucks and sleighs		
Wagon boxes	750	157,343
Wagon gears (wood and steel wheel)	3,393	452,994
Gears or trailers — Pneumatic wheels (with or without tires)	8,294	1,094,906
Forage boxes	512	211,235
All other farm wagons, wagon trucks and sleighs	—	77,317
Group total	—	1,993,795
Barn equipment		
Feed and litter carriers	4,189	254,254
Hay forks and slings	849	11,505
Hay fork carriers or cars	2	2
Stable stalls and livestock pens (without stanchion units)	7,627	582,278
Cattle stanchions	47,787	354,482
Milking room stalls	507	77,501
Stock watering cups and bowls	90,089	559,328
Gutter cleaners (power operated)	2,577	1,615,609
Miscellaneous barn equipment	—	413,896
Group total	—	3,868,853
Dairy machinery and equipment		
Milking machines:		
Vacuum pumps (excluding pail units)	6,091	857,568
Milker pail units	10,101	1,123,960
Milk pipeline (feet)	2	2
Cream separators — 300 lb. and under	909	64,869
Over 300 lb.	7,547	996,191
Farm milk coolers:		
Electrical refrigeration type:		
Standard unit	400	193,873
Bulk tank	1,045	1,847,917
All other dairy machinery and equipment	—	54,983
Group total	—	5,139,361

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1959 — Concluded
(Values at wholesale prices)

Type	Canada	
	Number of units sold	Value
		\$
Pumps and irrigation equipment		
Sprinkler irrigation equipment:		
Pump and engine units — Under 5 h.p., under 50 gals. p.m.	8,611	1,145,946
5 h.p. or over, 50 gals. p.m. and over	231	147,243
Irrigation pipe and couplings (feet of pipe)	255,378	224,219
Irrigation sprinkler heads	6,136	31,928
All other pumps and irrigation equipment used for farm purposes including hand pumps, windmills, etc.	—	984,243
Group total	—	2,533,579
Spraying and dusting equipment (Orchard or garden)		
Sprayers:		
Field (weed, low volume, low pressure)	4,886	778,250
Row crop (all types)	651	184,693
Orchard:		
High pressure — Under 15 gal. p.m. capacity	80	33,762
15 gal. and over p.m. capacity	26	67,762
Air blast sprayers	66	195,068
Air blast attachments	12	15,375
All other spraying and dusting equipment	—	191,581
Group total	—	1,466,491
Miscellaneous farm equipment		
Wagon unloaders	967	218,149
Silo unloaders	84	85,126
Post-hole diggers (tractor or power driven)	1,451	243,108
Land levellers and smoothers	1,704	295,310
Pull type ditchers	137	23,046
Poultry farm equipment	—	351,986
Metal grain storage bins	2,260	663,176
Miscellaneous equipment	—	3,121,754
Group total	—	5,001,635

¹ Withheld to avoid disclosure of individual results.

² Included in "All other" or miscellaneous category of its group.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1953-59

(Values at wholesale prices)

Type	1953		1954		1955		1956		1957		1958		1959	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Tractors and engines, totals	—	85,261	—	55,168	—	58,760	—	63,262	—	56,651	—	63,171	—	78,938
Tractors—Farm use:														
Wheel type	39,127	77,553	25,358	50,338	25,825	52,837	23,627	54,874	21,730	52,395	23,184	58,576	25,437	74,517
Crawler type	1,288	4,914	944	3,091	1,429	4,310	2,213	6,958	654	2,523	622	2,579	536	2,112
Ploughs, totals	—	16,870	—	10,201	—	8,225	—	8,019	—	8,952	—	9,790	—	11,189
Mouldboard ploughs, tractor drawn:														
Two furrow	2,553	527	1,485	307	1,460	298	1,107	238	865	192	718	169	581	157
Three furrow	4,040	1,165	2,282	667	2,046	611	1,647	482	1,544	511	1,232	400	1,053	404
Four furrow or larger	1,913	823	1,020	449	806	364	856	383	560	268	605	304	619	393
Mouldboard ploughs, tractor mounted	8,745	1,436	6,953	1,057	8,508	1,510	7,225	1,578	7,737	1,373	8,412	1,803	8,241	1,982
One-way discs:														
Under 5 ft.	727	178	278	79	219	77	1,683	724	{	223	63	29	10	2
5 ft. and over	5,246	1,753	2,331	1,185	1,104	590								
Diskers:														
Under 10 ft.	1,330	777	907	684	607	350	437	238	209	162	804	544	590	360
10 ft. and over	9,525	7,921	5,686	4,581	3,850	3,026	3,769	3,014	4,285	3,463	4,290	3,930	4,638	4,631
Tilling, cultivating and weeding machinery, totals	—	10,696	—	7,644	—	7,016	—	7,070	—	7,845	—	9,656	—	11,920
Drag harrows (sections)	67,317	1,208	61,880	1,170	34,685	731	37,430	790	40,225	817	32,623	741	42,326	787
Spring tooth harrows (sections)	7,824	388	8,315	380	7,378	293	5,964	308	5,929	324	4,860	289	5,156	318
Disc harrows tractor drawn	9,744	2,208	5,953	1,643	6,080	1,464	4,689	1,344	4,368	1,252	4,653	1,597	3,925	1,517
Soil pulverizers and packers	7,765	752	3,998	389	2,594	210	1,618	148	2,510	226	3,502	311	4,796	441
Cultivators:														
Row crop	2,598	453	2,317	400	2,536	441	2,431	428	1,810	309	1,815	381	1,834	394
Field	15,288	4,755	10,593	3,153	10,314	3,147	8,965	3,231	9,053	3,754	10,773	4,861	11,905	6,093
Rod weeders	1,186	218	700	127	709	129	1,036	185	1,318	291	2,372	640	4,055	1,076
Planting, seeding and fertilizing machinery, totals	—	8,130	—	5,707	—	5,341	—	6,094	—	6,703	—	7,104	—	7,894
Corn planters	841	196	782	180	1,169	272	898	203	912	222	648	154	962	206
Grain and fertilizer drills (combination)	2,650	1,049	1,582	684	1,512	736	1,627	795	1,015	561	1,357	789	1,434	793
Grain drills:														
Plain	3,604	2,179	2,054	1,025	1,294	581	1,725	808	1,467	763	1,058	559	956	582
Press	2,930	1,747	2,000	1,211	1,186	760	1,618	1,062	2,059	1,286	1,798	1,276	1,937	1,524
Fertilizer and lime sowers	1,661	289	1,220	207	1,129	213	1,145	229	977	264	1,573	335	1,802	371
Manure spreaders:														
Power take-off, 2-wheel	1,587	587	924	399	1,404	625	1,477	695	1,510	805	2,501	1,269	2,634	1,521
4-wheel	358	130	158	79	184	86	157	73	247	127	260	143	498	220
Ground drive, 2-wheel	3,729	1,191	3,676	1,185	4,138	1,358	4,883	1,643	5,017	1,869	4,872	1,792	4,357	1,897
Haying machinery, totals	—	19,787	—	17,730	—	19,820	—	27,245	—	23,567	—	26,257	—	30,655
Mowers:														
Cutter bar type:														
Horse or tractor drawn—Ground driven	14,089	3,171	11,270	2,635	12,364	2,933	956	212	1,596	427	952	299	347	111
Power take-off—Tractor drawn							442	140	1,800	494	2,911	977	4,257	1,558
Semi-mounted							6,043	1,570	3,230	969	4,830	1,403	4,652	1,600
Fully-mounted							5,326	1,323	5,750	1,442	4,549	1,270	5,394	1,594
Rotary type (drawn or mounted)							177	67	266	102	277	98	335	124
Hay loaders	4,201	1,019	2,279	566	1,667	412	975	257	792	144	567	106	214	55
Dump rakes	2,764	255	1,537	148	1,294	126	1,032	108	904	97	394	57	285	50
Side delivery rakes (all types)	9,456	2,473	8,914	2,444	9,904	2,906	11,634	3,652	10,559	3,559	11,390	4,066	12,104	4,655

See footnotes at end of table.

TABLE 5. Farm Implement and Equipment Sales, Canada, Selected Types, 1953-59 — Concluded

(Values at wholesale prices)

Type	1953		1954		1955		1956		1957		1958		1959	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value
Haying machinery—Concluded		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Automatic hay balers:														
Power take-off:														
Wire	2,954	3,347	4,043	4,695	4,980	6,160	53	98	43	99	37	64	51	9
Twine														
Engine driven:														
Wire	342	740	250	560	159	350	186	404	118	289	96	220	64	13
Twine	3,120	5,127	2,773	4,186	2,581	3,671	3,453	4,960	2,630	3,988	1,934	2,999	1,439	2,41
Harvesting machinery, totals	—	69,580	—	26,195	—	27,564	—	34,753	—	23,984	—	29,851	—	44,12
Combines:														
Pull type:														
Under 8 ft. P.T.O.	6,767	11,118	2,379	3,882	2,417	3,817	2,617	5,048	1,268	1,817	1,206	1,883	1,120	1,98
Engine									465	809	426	841	344	83
8-10 ft. incl. P.T.O.									302	703	400	1,007	536	1,48
Engine	679	2,103	249	686	404	1,056	292	801	209	569	172	491	216	64
Over 10 ft. P.T.O.									192	648	295	947	296	93
Engine													157	57
Self-propelled:														
Ten feet and under	861	3,443	716	2,712	503	1,874	641	2,705	565	2,596	853	3,882	1,358	5,61
Over ten feet	9,216	41,196	2,683	12,160	3,146	13,965	3,238	16,752	1,873	9,737	2,297	12,407	3,542	21,35
Swathers or windrowers	8,905	6,252	4,081	2,916	4,491	3,252	6,085	5,723	3,421	3,204	3,534	3,876	5,488	6,34
Grain binders	1,903	1,082	1,056	568	791	413	705	370	228	164	2	2	2	2
Forage crop harvesters, (all types)	1,831	2,347	1,539	1,914	1,465	1,839	1,455	1,917	1,537	1,735	1,467	1,716	1,592	1,79
Machines for preparing crops for market or use, totals	—	7,716	—	4,581	—	4,933	—	4,768	—	5,556	—	6,102	—	7,51
Threshers	1,123	1,913	607	940	538	1,005	364	556	263	376	259	383	155	24
Ensilage cutters	539	295	397	194	345	191	226	118	112	63	112	68	35	2
Grain grinders:														
6 in. or less	140	18	111	19	158	24	70	11	318	27	379	14	385	
Over 6 in.	3,384	212	3,230	197	3,776	235	3,127	189	2,287	162	2,709	187	2,190	16
Cleaners for grain:														
Hand and power	3,558	495	2,484	370	2,223	315	2,496	371	2,928	428	1,471	302	1,354	28
Hammermills	2,851	542	2,583	510	2,793	558	1,997	439	2,137	488	2,951	765	2,622	79
Feed mixers	2,344	108	1,897	89	1,976	98	1,988	108	1,852	91	241	76	106	2
Dairy machinery and equipment, totals	—	3,566	—	3,414	—	3,953	—	4,787	—	5,468	—	6,488	—	5,13
Milking machines (complete equipment less milker pail units)	4,580	539	4,564	422	5,396	517	4,824	530	4,554	545	6,036	1,011	6,091	85
Milker pail units	9,332	748	10,183	866	9,644	878	10,902	1,002	9,804	917	11,241	1,124	10,101	1,12
Cream separators:														
300 lb. and under	1,504	63	1,156	39	1,002	32	1,523	59	752	35	851	56	909	6
Over 300 lb.	11,757	1,277	10,926	1,368	11,148	1,509	9,832	1,558	7,878	1,203	8,552	1,213	7,547	99
Farm milk coolers (electrical refrigeration type):														
Standard unit	1,750	721	1,593	625	1,686	897	865	266	787	337	1,241	469	400	19
Bulk tank							585	1,138	1,146	2,200	1,308	2,404	1,045	1,84

¹ Number of units sold represent sales to user. In previous years, units sold were suppliers' sales to dealer.² Withheld to avoid disclosure of individual results.

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FARM IMPLEMENT AND EQUIPMENT SALES 1960



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PUBLICATIONS RELATING TO RETAIL TRADE

Catalogue number	Title	Price
(a) Weekly		
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(b) Monthly		
63-001	Chain Store Sales and Stocks	per year 1.00
63-002	Department Store Sales and Stocks.....	per year 1.00
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63-414	Operating Results and Financial Structure of Independent Restaurants.....	.50
63-415	Operating Results and Financial Structure of Independent Tobacco Stores.....	.50

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FARM IMPLEMENT AND EQUIPMENT SALES

1960

Sales of new farm implements and equipment in Canada amounted to \$217,465,183 in 1960, a 2.5 per cent increase over sales of \$212,231,379 in the previous year. Sales of repair parts were \$41,312,325, a gain of 6.2 per cent over 1959. The combined sales of new implements, equipment and repair parts, at \$258,777,808, were 3.0 per cent higher than the 1959 total. The comparable increase in 1959 over 1958 was 21.9 per cent.

Only in the Atlantic provinces was the increase in sales greater than in 1959: 17.9 per cent against 11.5 per cent. Four provinces reported decreases and other provinces had substantially smaller percentage increases than in 1959. Only one province indicated a decrease in sales of repair parts. In 1959 all provinces had increased sales of both implements and repair parts. Increased sales of harvesting machinery, tractors and engines, miscellaneous farm equipment, ploughs, tilling and dairy machinery accounted for the small increase in 1960 business volume and offset the decreased sales of machines for preparing crops for market or use.

The change made in 1957 (reporting unit sales to user by provinces) is continued in this report. Dollar sales are mainly at the wholesale level, i.e. cost to dealer. To avoid disclosure of an individual firm's figures, certain items are not shown. In some cases a figure representing three or more firms is also omitted in order to "cover" one of less than three firms. This report does not include the sales of used machinery, motor trucks, binder twine, export sales of Canadian manufacturers or industrial machinery and tractors not sold primarily for farm use.

Data on major groups, or main line implements, indicate the total goods manufactured and sold in Canada and goods imported and sold in Canada. Data on minor groups such as barn equipment, spraying and irrigation equipment indicate only the sales of such items made by companies primarily engaged in the farm trade; they do not include sales of companies whose major activity lies outside the farm equipment field but who may produce or sell such equipment.

SALES OF FARM IMPLEMENTS AND REPAIR PARTS
1943-1960

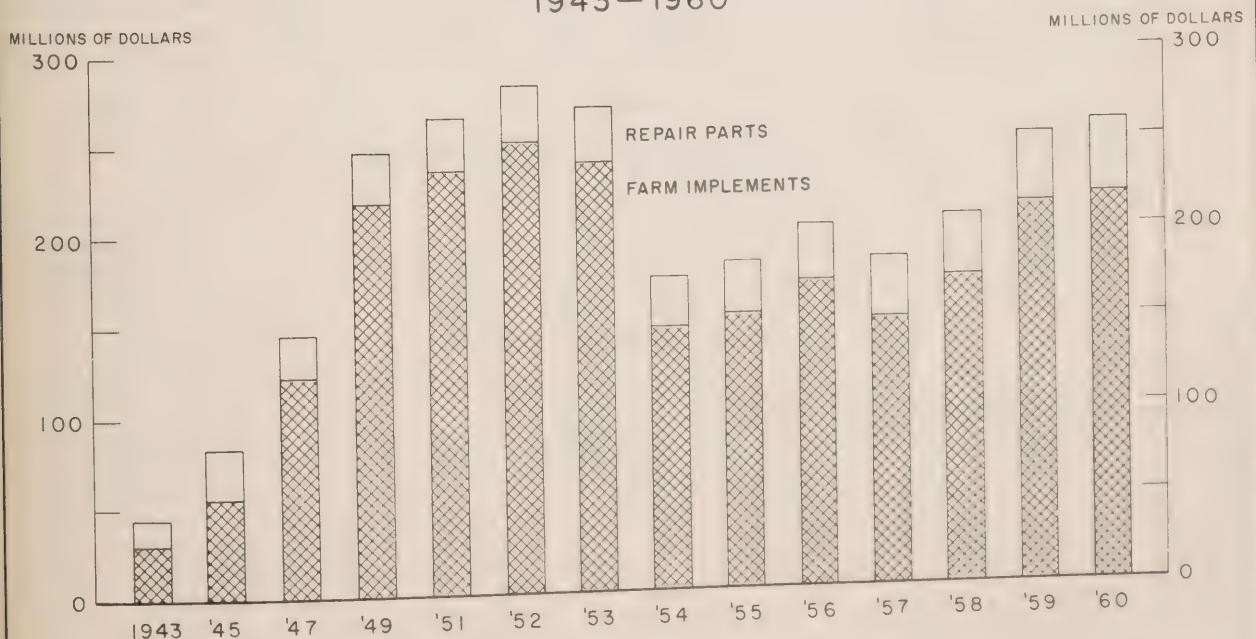


TABLE 1. Farm Implement and Equipment Sales (Including Repair Parts), by Provinces, 1954-60

Values at wholesale prices

Province	1954	1955	1956	1957	1958	1959	1960	Percentage change 1960/59
	dollars							%
Canada	174,038,491	181,576,398	202,592,127	183,721,649	205,993,039	251,118,817	258,777,808	+ 3.0
Atlantic Provinces	6,229,393	7,843,010	8,485,890	5,369,173	6,897,786	7,691,565	9,068,834	+17.9
Quebec	19,456,223	24,454,624	26,630,438	27,954,950	30,455,335	31,688,077	31,537,729	- 0.5
Ontario	45,368,336	50,053,037	49,265,892	46,152,225	50,060,232	58,611,525	58,174,743	- 0.7
Manitoba	18,854,021	18,609,712	22,532,551	18,699,296	21,530,215	28,571,930	31,024,616	+ 8.6
Saskatchewan	45,271,951	40,328,513	50,104,179	41,568,005	46,421,324	61,396,984	69,052,381	+12.5
Alberta	34,043,228	34,380,094	39,676,998	38,213,577	45,504,705	56,426,827	53,335,647	- 5.5
British Columbia	4,815,339	5,907,408	5,896,179	4,764,423	5,123,442	6,731,909	6,583,858	- 2.2

TABLE 2. Sales of Repair Parts, by Provinces, 1954-60

Values at wholesale prices

Province	1954	1955	1956	1957	1958	1959	1960	Percentage change 1960/59
	dollars							%
Canada	27,335,796	28,451,964	31,824,672	33,820,056	33,978,663	38,887,438	41,312,625	+ 6.2
Atlantic Provinces	972,872	1,013,506	1,061,833	1,073,274	1,100,524	1,209,338	1,376,176	+13.8
Quebec	2,513,373	2,740,685	3,305,064	4,113,305	3,986,515	4,657,515	4,745,435	+ 1.9
Ontario	6,008,045	6,233,131	6,363,550	6,978,519	7,001,765	8,018,939	8,775,641	+ 9.4
Manitoba	3,315,757	3,535,101	3,944,453	3,985,737	3,835,412	4,490,250	5,148,130	+14.7
Saskatchewan	7,399,939	7,893,314	9,355,538	9,430,614	9,516,116	10,876,455	11,693,143	+ 7.5
Alberta	6,025,669	6,314,449	6,990,800	7,278,914	7,560,969	8,492,764	8,342,331	- 1.8
British Columbia	600,091	721,778	803,434	959,693	977,362	1,142,177	1,231,769	+ 7.8

TABLE 3. Farm Implement and Equipment Sales, by Major Groups, Canada, 1956-60

Values at wholesale prices

Major group	1956	1957	1958	1959	1960	Percentage change 1960/59
	dollars					%
All groups, totals	170,767,455	149,901,593	172,014,376	212,231,379	217,465,183	+ 2.5
Tractors and engines	63,261,613	56,651,045	63,171,496	78,937,825	80,093,336	+ 1.5
Ploughs	8,018,905	8,951,685	9,790,207	11,188,874	11,635,147	+ 4.0
Tilling, cultivating and weeding machinery	7,070,472	7,844,897	9,655,652	11,919,868	12,649,509	+ 6.1
Planting, seeding and fertilizing machinery	6,093,885	6,702,950	7,103,526	7,894,126	7,872,633	- 0.3
Haying machinery	27,245,257	23,566,449	26,256,593	30,655,070	30,544,277	- 0.4
Harvesting machinery	34,753,405	23,983,627	29,850,837	44,122,245	46,485,289	+ 5.4
Machines for preparing crops for market or for use	4,768,171	5,555,649	6,101,837	7,509,637	6,261,514	-16.6
Farm wagons, wagon trucks and sleighs	1,805,227	1,526,949	1,900,279	1,993,795	2,025,408	+ 1.6
Barn equipment	2,636,833	2,863,306	3,521,308	3,868,853	4,094,987	+ 5.8
Dairy machinery and equipment	4,787,248	5,463,098	6,488,477	5,139,361	5,765,732	+12.2
Spraying and dusting equipment (orchard or garden) ..	1,770,178	1,268,841	1,558,162	1,466,491	1,636,897	+11.6
Pumps and irrigation equipment and miscellaneous farm equipment	8,556,261	5,518,097	6,616,002	7,535,234	8,400,454	+11.5

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1960

Values at wholesale prices

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Tractors and engines									
Tractors—farm use: (h.p. ratings range up to but do not include the top limit in each class).									
Wheel type:									
Under 20 h.p. —Diesel	55	101,363	1	1	1	—	—	—	—
Other	548	889,749	1	112	300	1	1	23	19
20 to 25 h.p. —Diesel	5,165	10,618,472	591	1,739	1,952	208	132	240	303
Other	4,236	9,241,282	367	1,177	1,812	190	171	337	182
25 to 30 h.p. —Diesel	335	847,310	1	99	160	17	1	1	14
Other	1,290	3,311,121	60	498	437	71	79	112	33
30 to 35 h.p. —Diesel	3,061	8,814,706	168	589	1,075	376	429	364	60
Other	1,819	5,158,022	78	249	463	217	377	370	65
35 to 40 h.p. —Diesel	1,289	4,719,039	36	117	282	251	365	219	19
Other	1,530	4,999,767	34	65	211	119	556	529	16
40 to 45 h.p. —Diesel	2,945	12,084,950	1	54	90	572	1,337	878	1
Other	360	1,288,731	8	—	53	21	171	107	—
45 to 55 h.p. —Diesel	1,519	7,602,953	—	1	1	181	720	596	1
Other	26	118,275	—	—	1	1	1	1	—
55 h.p. and over—Diesel	1,221	5,838,473	—	16	1	104	632	448	1
Other	—	—	—	—	—	—	—	—	—
Total wheel type	25,399	75,634,213	1,435	4,735	6,878	2,347	4,997	4,258	749
Crawler type:									
Under 25 h.p.	641	2,210,094	1	219	152	84	1	64	59
25 to 35 h.p.	85	423,024	1	14	1	39	1	1	1
35 " 45 "	28	231,971	—	1	—	18	1	1	—
45 h.p. and over	12	163,050	—	—	—	1	1	—	—
Garden tractors:									
One and two wheel	910	201,736	79	1	339	1	36	119	1
Three and four wheel	1,194	243,280	38	1	241	1	259	476	1
Gas engines and power units	8,682	471,897	1	1	2,427	1,512	1,697	1,307	388
All other tractors and engines	—	514,071	—	—	—	—	—	—	—
Group total	—	80,093,336	—	—	—	—	—	—	—
Ploughs									
Mouldboard ploughs:									
Tractor drawn:									
One furrow	6	1,007	1	—	—	1	—	—	1
Two furrow	236	63,813	111	17	95	1	1	7	—
Three furrow	555	240,591	55	22	342	26	15	88	7
Four furrow or larger	708	480,454	1	1	141	207	35	292	20
Tractor mounted:									
One furrow	392	56,386	103	161	79	6	1	1	36
Two furrow	3,911	779,884	427	2,254	1,027	22	9	51	121
Three furrow or larger	4,317	1,405,336	268	857	2,695	75	26	325	71
Disc ploughs:									
Tractor drawn:									
One furrow	57	48,357	—	1	1	21	15	16	—
Tractor mounted	123	38,746	1	42	64	1	1	1	8
One-way discs—Under 5 ft.									
5 ft. and over	834	868,568	—	—	—	1	478	250	1
Diskers—Under 10 ft.									
10 ft. and over	312	264,089	—	—	—	1	116	115	1
Group total	4,594	4,826,560	—	—	—	945	2,791	847	11

TABLE 4: Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1960 - Continued

Values at wholesale prices

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Ploughs - Concluded									
Seed boxes for one-way discs	2	2	—	—	—	2	2	2	—
Seed boxes for diskers	2,055	588,878	—	—	—	401	1,397	257	—
Breaker ploughs	2	2	—	2	—	—	—	—	2
Rotary tillers and cultivators:									
Garden (under 10 h.p. approx.)	14,898	1,598,444	577	997	4,450	1,862	2,731	2,368	1,913
Field (10 h.p. and over, P.T.O. or engine)	237	183,505	—	1	1	1	—	1	1
All other ploughs	—	190,529	—	—	—	—	—	—	—
Group total	—	11,635,147	—	—	—	—	—	—	—
Tilling, cultivating and weeding machinery									
Harrows:									
Drag harrows (sections)	43,904	827,560	348	775	5,289	12,653	15,338	9,216	285
Spring tooth harrows (sections)	5,700	377,375	628	1,228	1,545	753	688	774	84
Disc harrows:									
Tractor drawn - Single	268	65,599	1	1	120	5	1	1	1
Tandem: Wheel type	1,713	922,574	44	82	856	23	76	573	59
Other	2,008	551,279	91	553	870	1	94	284	1
Tractor mounted - Single	26	4,315	10	1	1	1	—	—	6
Tandem	1,445	374,521	101	393	673	15	13	117	133
Land rollers	349	32,673	1	1	1	—	—	1	—
Soil pulverizers and packers (8 ft. and over)	355	73,631	—	1	315	1	31	1	—
Soil pulverizers and packers (incl. sections) under 8 ft.	4,609	342,729	—	—	1	296	3,359	899	1
Cultivators:									
Row crop cultivators (corn, beet, bean, etc.):									
Horse or tractor drawn - One row	2	2	2	—	—	—	—	—	—
Tractor mounted One row	499	85,793	1	86	368	1	1	1	1
Two row	1,134	279,011	199	199	689	1	1	8	21
Four row	196	71,068	1	33	107	1	—	23	1
Field cultivators:									
Tractor drawn - Conventional type	2,211	705,492	59	123	1,136	544	196	150	3
Heavy duty, deep tillage type	7,952	5,216,501	—	1	1	1,377	4,194	2,244	52
Tractor mounted	1,462	329,326	49	100	733	138	141	247	54
Rod weeders	4,730	1,400,396	—	—	—	1	2,941	1,719	1
Rotary hoes - Sections - (Ground driven, teeth or wheel)	308	39,040	—	1	291	1	—	1	—
All other cultivating and tillage machinery	—	950,626	—	—	—	—	—	—	—
Group total	—	12,649,509	—	—	—	—	—	—	—
Planting, seeding and fertilizing machinery									
Corn planters - Horse or tractor drawn	285	102,551	—	11	258	1	1	1	1
Tractor mounted	464	92,481	—	33	370	1	1	1	—
Potato planters	167	117,429	46	32	38	9	1	1	18
Vegetable seeders (radish, onions, lettuce, etc.)	476	18,297	1	—	1	1	1	1	1
Transplanters	495	208,396	15	32	445	—	—	1	1
Grain and fertilizer drills (combination)	895	559,722	47	233	570	6	1	1	1
Grain drills - Plain	1,166	733,426	1	111	412	153	121	313	1
Press	1,811	1,502,099	—	—	1	184	777	837	1
Broadcast seeders, horse or tractor drawn	1,065	61,787	—	1	691	1	1	1	—
Fertilizer and lime sowers, horse or tractor drawn	1,417	363,851	234	340	515	21	19	202	86

See footnotes page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1960 — Continued
Values at wholesale prices

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Planting, seeding and fertilizing machinery — Concluded									
Anhydrous ammonia applicators	102	55,810	—	—	93	—	—	1	1
Manure spreaders:									
Power take-off, 2-wheel	2,510	1,487,703	91	485	1,391	110	107	250	76
4-wheel	239	141,897	—	1	88	1	1	104	1
Ground drive, 2-wheel	4,232	1,979,564	348	1,220	1,734	222	248	368	92
4-wheel	91	47,825	—	1	1	—	1	1	—
All other planting, seeding and fertilizing machinery	—	399,795	—	—	—	—	—	—	—
Group total	—	7,872,633	—	—	—	—	—	—	—
Haying machinery									
Mowers:									
Cutter bar type:									
Horse or tractor drawn — Ground driven	48	8,266	1	1	1	1	1	1	12
Power take-off — Tractor drawn	4,180	1,459,891	139	227	1,321	803	888	737	65
Semi-mounted	3,240	1,206,489	150	303	530	539	999	698	21
Fully-mounted	6,408	1,926,260	563	2,497	2,082	295	237	442	292
Rotary type (drawn or mounted)	356	126,770	1	20	176	54	40	13	1
Dump rakes	342	78,633	—	1	1	1	142	1	1
Side delivery rakes:									
Horse or tractor drawn — Ground driven	9,865	3,687,557	416	2,073	2,100	1,541	1,867	1,762	106
Power take-off — Semi-mounted	1,310	534,432	1	185	180	179	206	485	1
Fully-mounted	602	235,985	89	203	165	13	32	50	50
Hay conditioners	2,439	1,529,644	131	177	2,003	29	9	51	39
Hay loaders	64	17,051	—	1	1	1	1	1	—
Hay or stook sweeps, (tractors)	35	7,949	—	—	—	1	1	1	—
Automatic hay balers:									
Power take-off — Wire	45	86,339	1	33	1	1	—	—	—
Twine	11,333	15,693,344	552	1,693	3,213	1,604	2,184	1,884	203
Engine-driven — Wire	31	74,847	—	20	1	—	—	—	1
Twine	865	1,542,895	101	200	120	108	121	160	55
Field bale loaders	1,355	240,771	1	156	342	324	121	396	1
Elevators or conveyors (primarily for baled hay)	10,830	1,286,238	252	1,713	4,600	1,844	1,015	1,188	218
All other haying machinery	—	800,916	—	—	—	—	—	—	—
Group total	—	30,544,277	—	—	—	—	—	—	—
Harvesting machinery									
Combines:									
Pull type:									
Under 8 ft. — P.T.O.	1,089	2,150,996	101	81	617	1	97	121	1
Engine	221	571,214	4	1	20	60	54	78	1
8-10 ft. incl. — P.T.O.	664	1,873,949	1	1	1	1	1	1	1
Engine	100	334,892	—	—	1	1	59	1	1
Over 10 ft. — P.T.O.	446	1,424,903	—	—	1	102	1	1	1
Engine	102	379,520	—	—	—	9	71	22	—
Self propelled:									
10 ft. and under	1,427	6,628,882	90	124	376	266	169	378	24
Over 10 ft.	3,789	22,158,293	—	12	108	501	1,987	1,141	40
Swathers and windrowers:									
Tractor drawn	2,993	2,464,802	—	11	27	512	1,590	846	7
Self-propelled	1,751	3,429,454	1	39	124	327	710	531	1

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1960 - Continued
Values at wholesale prices

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Harvesting machinery - Concluded									
Corn pickers:									
Tractor drawn	149	187,649	—	—	149	—	—	—	—
Tractor mounted and self-propelled	62	107,733	1	—	1	—	—	—	—
Picker sheller (combination)	20	38,957	—	—	20	—	—	—	—
Forage crop harvesters:									
Basic machine only (all types)	1,414	1,788,223	29	173	637	91	111	275	98
Attachments:									
Cutter bar hay	232	120,216	1	1	124	16	7	20	1
Pick-up hay	175	59,071	—	32	79	1	1	43	—
Row crop	374	150,206	1	61	246	9	1	1	1
Forage crop blowers	408	260,086	1	77	271	1	9	11	33
Potato diggers:									
Ground driven	28	11,398	1	—	1	—	1	—	—
Power take-off - One row	75	45,341	25	1	1	1	1	1	1
Two row	125	117,433	109	1	1	1	—	1	1
Potato harvesters (pickers and combines)	225	193,959	127	55	1	1	—	—	—
Shredders and cutters (for corn stalks, orchard prunings, etc.)	675	397,865	1	41	433	18	1	80	63
Beet lifters, harvesters and loaders	65	168,971	—	7	1	12	—	38	1
All other harvesting machinery, such as headers, push harvesters, etc.	—	1,421,276	—	—	—	—	—	—	—
Group total	—	46,485,289	—	—	—	—	—	—	—
Machines for preparing crops for market or for use									
Threshers	95	190,069	—	1	1	—	—	—	—
Ensilage cutters (combination cutter blower)	17	9,935	—	—	—	1	—	1	—
Feed or roughage cutters, hand and power	59	52,737	1	1	1	1	1	1	—
Corn shellers - Power	15	8,144	—	1	1	—	—	—	—
Grain grinders:									
6 in. or less	316	7,760	1	1	96	1	1	1	1
Over 6 in.	1,411	104,151	1	1	82	1,032	185	72	1
Rollers or crushers (grain)	1,338	464,642	1	55	479	162	208	419	1
Cleaners for grain:									
Hand (fanning mills)	597	47,496	1	1	1	1	1	9	—
Power	1,002	229,150	—	1	1	328	453	204	—
Hammer mills - Electric driven	66	11,423	—	1	40	1	1	—	—
P.T.O.	517	214,314	1	1	169	101	88	146	1
Belt driven	920	221,291	20	34	342	160	133	220	11
Feed mixers	302	155,996	1	20	94	1	1	148	1
Sorters and graders:									
Potatoes (mainly)	36	14,427	1	1	12	—	—	—	—
Fruit and vegetable	2	1	—	—	2	—	—	—	2
Crop dryer with heating units (for grain, hay, etc.)	76	264,245	—	—	1	1	1	1	1
Tractor loaders	6,839	2,646,951	253	1,244	3,100	600	642	869	131
Grain elevators - Bucket type	992	131,925	1	338	159	59	400	1	—
Auger type	12,149	1,347,055	1	523	3,165	1,800	3,061	3,058	1
All other machines for preparing crops for market or use, such as waxers, washers, vegetable tying machines, etc.	—	139,803	—	—	—	—	—	—	—
Group total	—	6,261,514	—	—	—	—	—	—	—

See footnotes page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1960 — Continued
 Values at wholesale prices

Type	Canada	
	Number of units sold	Value
		\$
Farm wagons, wagon trucks and sleighs		
Wagon gears—Wood and steel wheels	2,472	282,330
Pneumatic wheels	8,537	1,203,880
Wagon boxes	609	123,615
Forage boxes	577	319,719
All other farm wagons, wagon trucks and sleighs	—	95,864
Group total	—	2,025,408
Barn equipment		
Feed and litter carriers	3,280	188,610
Hay forks and slings	592	7,191
Hay fork carriers or cars	519	20,285
Stable stalls and livestock pens (without stanchion units)	10,116	641,740
Cattle stanchions	48,848	353,452
Milking room stalls	599	81,953
Stock watering cups and bowls	77,242	444,772
Gutter cleaners (power operated)	2,513	1,969,424
Miscellaneous barn equipment	—	387,560
Group total	—	4,094,987
Dairy machinery and equipment		
Milking machines:		
Vacuum pumps only	4,714	663,837
Milker pail units	10,842	1,163,803
Portable units	2	2
Pipe line units	426	92,817
Milk pipe line (feet)	16,040	52,902
Cream separators — 300 lb. and under	926	63,278
Over 300 lb.	5,375	941,998
Farm milk coolers:		
Electrical refrigeration type:		
Standard unit	536	199,428
Bulk tank	1,215	2,153,552
All other dairy machinery and equipment	—	434,117
Group total	—	5,765,732

See footnote page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1960 — Concluded
Values at wholesale prices

Type	Canada	
	Number of units sold	Value
		\$
Spraying and dusting equipment (Orchard or garden)		
Sprayers:		
Field (weed, low volume, low pressure)	5,246	1,010,261
Row crop (all types)	467	201,729
Orchard:		
High pressure—Under 15 gal. p.m. capacity	123	53,990
15 gal. and over p.m. capacity	33	57,716
Air blast sprayers	58	167,346
Air blast attachments	8	9,376
All other spraying and dusting equipment	—	136,479
Group total	—	1,636,897
Pumps and irrigation equipment		
Sprinkler irrigation equipment:		
Pump and engine units—Under 5 h.p., under 50 gals. p.m.	7,301	970,637
5 h.p. or over, 50 gals. p.m. and over	195	125,952
Irrigation pipe and couplings (feet of pipe)	391,586	263,262
Irrigation sprinkler heads	5,916	24,021
All other pumps and irrigation equipment used for farm purposes including hand pumps, windmills, etc.	—	899,327
Group total	—	2,283,199
Miscellaneous farm equipment		
Wagon unloaders (including automatic or self unloaders)	349	284,147
Silo unloaders	129	133,345
Post-hole diggers (tractor or power driven)	1,455	231,954
Land levellers and smoothers	2,198	376,215
Pull type ditchers	282	50,909
Poultry farm equipment	—	513,933
Metal grain storage bins	3,021	796,943
Miscellaneous equipment	—	3,729,809
Group total	—	6,117,253

¹ Withheld to avoid disclosure of individual results.

² Included in "All other" or miscellaneous category of its group.

TABLE 5. Farm Implement and Equipment Sales, Selected Types, Canada, 1954 - 60

Values at wholesale prices

Type	1954		1955		1956		1957		1958		1959		1960	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value
Tractors and engines, totals	—	\$'000 55, 168	—	\$'000 58, 760	—	\$'000 63, 262	—	\$'000 56, 651	—	\$'000 63, 171	—	\$'000 78, 938	—	\$'000 80, 093
Tractors — Farm use:														
Wheel type	25, 358	50, 338	25, 825	52, 837	23, 627	54, 874	21, 730	52, 395	23, 184	58, 576	25, 437	74, 517	25, 399	75, 634
Crawler type	944	3, 091	1, 429	4, 310	2, 213	6, 958	654	2, 523	622	2, 579	536	2, 112	766	3, 028
Ploughs, totals	—	\$'000 10, 201	—	\$'000 8, 225	—	\$'000 8, 019	—	\$'000 8, 952	—	\$'000 9, 790	—	\$'000 11, 189	—	\$'000 11, 635
Mouldboard ploughs, tractor drawn:														
Two furrow	1, 485	307	1, 460	298	1, 107	238	865	192	718	169	581	157	236	64
Three furrow	2, 282	667	2, 046	611	1, 647	482	1, 544	511	1, 232	400	1, 053	404	555	241
Four furrow or larger	1, 020	449	806	364	856	383	560	268	605	304	619	393	708	480
Mouldboard ploughs, tractor mounted	6, 953	1, 057	8, 508	1, 510	7, 225	1, 578	7, 737	1, 373	8, 412	1, 803	8, 241	1, 982	8, 620	2, 242
One-way discs:														
Under 5 ft.	278	79	219	77	1, 683	724	{ 223	63	29	10	2	2	2	2
5 ft. and over	2, 331	1, 185	1, 104	590										
Diskers:														
Under 10 ft.	907	684	607	350	437	238	209	162	804	544	590	360	312	264
10 ft. and over	5, 686	4, 581	3, 850	3, 026	3, 769	3, 014	4, 285	3, 463	4, 290	3, 930	4, 638	4, 631	4, 594	4, 827
Tilling, cultivating and weeding machinery, totals	—	\$'000 7, 644	—	\$'000 7, 016	—	\$'000 7, 070	—	\$'000 7, 845	—	\$'000 9, 656	—	\$'000 11, 920	—	\$'000 12, 650
Drag harrows (sections)	61, 880	1, 170	34, 685	731	37, 430	790	40, 225	817	32, 623	741	42, 326	787	43, 904	828
Spring tooth harrows (sections)	8, 315	380	7, 378	293	5, 964	308	5, 929	324	4, 860	289	5, 156	318	5, 700	377
Disc harrows tractor drawn	5, 953	1, 643	6, 080	1, 464	4, 689	1, 344	4, 368	1, 252	4, 653	1, 597	3, 925	1, 517	3, 989	1, 539
Soil pulverizers and packers	3, 998	389	2, 594	210	1, 618	148	2, 510	226	3, 502	311	4, 796	441	4, 964	416
Cultivators:														
Row crop	2, 317	400	2, 536	441	2, 431	428	1, 810	309	1, 815	381	1, 834	394	1, 830	436
Field	10, 593	3, 153	10, 314	3, 147	8, 965	3, 231	9, 053	3, 754	10, 773	4, 861	11, 905	6, 093	11, 625	6, 251
Rod weeders	700	127	709	129	1, 036	185	1, 318	291	2, 372	640	4, 055	1, 076	4, 730	1, 400
Planting, seeding and fertilizing machinery, totals	—	\$'000 5, 707	—	\$'000 5, 341	—	\$'000 6, 094	—	\$'000 6, 703	—	\$'000 7, 104	—	\$'000 7, 894	—	\$'000 7, 893
Corn planters	782	180	1, 169	272	898	203	912	222	648	154	962	206	749	195
Grain and fertilizer drills (combination)	1, 582	684	1, 512	736	1, 627	795	1, 015	561	1, 357	789	1, 434	793	895	560
Grain drills:														
Plain	2, 054	1, 025	1, 294	581	1, 725	808	1, 467	763	1, 058	559	956	582	1, 166	733
Press	2, 000	1, 211	1, 186	760	1, 618	1, 062	2, 059	1, 286	1, 798	1, 276	1, 937	1, 524	1, 811	1, 502
Fertilizer and lime sowers	1, 220	207	1, 129	213	1, 145	229	977	264	1, 573	335	1, 802	371	1, 417	364
Manure spreaders:														
Power take-off, 2-wheel	924	399	1, 404	625	1, 477	695	1, 510	805	2, 501	1, 269	2, 634	1, 521	2, 510	1, 488
4-wheel	158	79	184	86	157	73	247	127	260	143	498	220	239	142
Ground drive, 2-wheel	3, 676	1, 185	4, 138	1, 358	4, 883	1, 643	5, 017	1, 869	4, 872	1, 792	4, 357	1, 897	4, 232	1, 980
Haying machinery, totals	—	\$'000 17, 730	—	\$'000 19, 820	—	\$'000 27, 245	—	\$'000 23, 567	—	\$'000 26, 257	—	\$'000 30, 655	—	\$'000 30, 544
Mowers:														
Cutter bar type:														
Horse or tractor drawn — Ground driven	11, 270	2, 635	12, 364	2, 933	956	212	1, 596	427	952	299	347	111	48	8
Power take-off — Tractor drawn					442	140	1, 800	494	2, 911	977	4, 257	1, 558	4, 180	1, 460
Semi-mounted					6, 043	1, 570	3, 230	969	4, 830	1, 403	4, 652	1, 600	3, 240	1, 206
Fully-mounted					5, 326	1, 323	5, 750	1, 442	4, 549	1, 270	5, 394	1, 594	6, 408	1, 926
Rotary type (drawn or mounted)	—	—	—	—	177	67	266	102	277	98	335	124	356	127
Hay conditioners	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hay loaders	2, 279	566	1, 667	412	975	257	792	144	567	106	214	55	64	17
Dump rakes	1, 537	148	1, 294	126	1, 032	108	904	97	394	57	285	50	342	79
Side delivery rakes (all types)	8, 914	2, 444	9, 904	2, 906	11, 634	3, 652	10, 559	3, 559	11, 390	4, 066	12, 104	4, 655	11, 777	4, 458

TABLE 5. Farm Implement and Equipment Sales, Selected Types, Canada, 1954 - 60 — Concluded
Values at wholesale prices

Type	1954		1955		1956		1957		1958		1959		1960	
	No. of units	Value	No. of units	Value	No. of units	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Haying machinery—Concluded														
Automatic hay balers:														
Power take-off:														
Wire	4,043	4,695	4,980	6,160	53	98	43	99	37	64	51	98	45	8
Twine														
Engine driven:														
Wire	250	560	159	350	186	404	118	289	96	220	64	139	31	7
Twine	2,773	4,186	2,581	3,671	3,453	4,960	2,630	3,988	1,934	2,999	1,439	2,415	865	1,54
Harvesting machinery, totals	—	26,195	—	27,564	—	34,753	—	23,984	—	29,851	—	44,122	—	46,48
Combines:														
Pull type:														
Under 8 ft. P.T.O.	2,379	3,882	2,417	3,817	2,617	5,048	1,268	1,817	1,206	1,883	1,120	1,984	1,089	2,15
Engine														
8-10 ft. incl. P.T.O.														
Engine	249	686	404	1,056	292	801	302	703	400	1,007	536	1,499	664	1,87
Over 10 ft. P.T.O.														
Engine														
Self-propelled:														
Ten feet and under	716	2,712	503	1,874	641	2,705	565	2,596	853	3,882	1,358	5,611	1,427	6,62
Over ten feet	2,683	12,160	3,146	13,965	3,238	16,752	1,873	9,737	2,297	12,407	3,542	21,352	3,789	22,15
Swathers or windrowers	4,081	2,916	4,491	3,252	6,085	5,723	3,421	3,204	3,534	3,876	5,488	6,344	4,744	5,89
Grain binders	1,056	568	791	413	705	370	228	164	2	2	2	2	—	—
Forage crop harvesters, (all types)	1,539	1,914	1,465	1,839	1,455	1,917	1,537	1,735	1,467	1,716	1,592	1,790	1,414	1,78
Machines for preparing crops for market or use, totals	—	4,581	—	4,933	—	4,768	—	5,556	—	6,102	—	7,510	—	6,26
Threshers	607	940	538	1,005	364	556	263	376	259	383	155	244	95	190
Ensilage cutters	397	194	345	191	226	118	112	63	112	68	35	20	17	10
Grain grinders:														
6 in. or less	111	19	158	24	70	11	318	27	379	14	385	8	316	8
Over 6 in.	3,230	197	3,776	235	3,127	189	2,287	162	2,709	187	2,190	168	1,411	104
Cleaners for grain:														
Hand and power	2,484	370	2,223	315	2,496	371	2,928	428	1,471	302	1,354	285	1,599	277
Hammermills	2,583	510	2,793	558	1,997	439	2,137	488	2,951	765	2,622	799	1,503	447
Feed mixers	1,897	89	1,976	98	1,988	108	1,852	91	241	76	106	28	302	156
Dairy machinery and equipment, totals	—	3,414	—	3,953	—	4,787	—	5,468	—	6,488	—	5,139	—	5,76
Milking machines:														
Vacuum pumps	4,564	422	5,396	517	4,824	530	4,554	545	6,036	1,011	6,091	858	4,714	664
Milker pail units	10,183	866	9,644	878	10,902	1,002	9,804	917	11,241	1,124	10,101	1,124	10,842	1,164
Cream separators:														
300 lb. and under	1,156	39	1,002	32	1,523	59	752	35	851	56	909	65	926	63
Over 300 lb.	10,926	1,368	11,148	1,509	9,832	1,558	7,878	1,203	8,552	1,213	7,547	996	5,375	942
Farm milk coolers (electrical refrigeration type):														
Standard unit	1,593	625	1,686	897	865	266	787	337	1,241	469	400	194	536	199
Bulk tank														
					585	1,138	1,146	2,200	1,308	2,404	1,045	1,848	1,215	2,154

¹ Number of units sold represent sales to user. In previous years, units sold were suppliers' sales to dealer.

² Withheld to avoid disclosure of individual results.

CATALOGUE No.

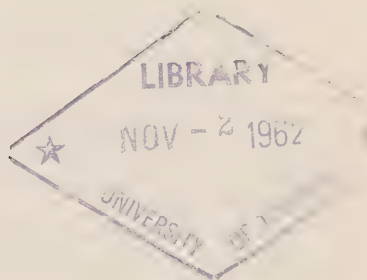
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ANNUAL



Canada. Statistics, Bureau of

FARM IMPLEMENT AND EQUIPMENT SALES
1961



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FARM IMPLEMENT AND EQUIPMENT SALES

1961

Sales of new farm implements and equipment in Canada amounted to \$201,776,532 in 1961, a decrease of 7.2% from sales of \$217,465,183 in 1960. Sales of repair parts were \$39,643,554, a decrease of 4.0% from the figure of \$41,312,625 for 1960. The combined sales of new implements, equipment and repair parts, amounting to \$241,420,086, were 6.7% below 1960 sales of \$258,777,808. This is the first year since 1957 to show a decrease. For 1958, 1959 and 1960 sales increased by 12.1%, 21.9%, and 3.0% respectively over the previous year.

The provinces of Manitoba and Saskatchewan reported a decrease in sales of farm implements, equipment, and repair parts. All other regions reported increases but increases were not of sufficient magnitude to offset the decreased sales in the Prairie Provinces. In 1960 the provinces of Alberta and British Columbia indicated decreased sales from 1959 but increases in other provinces were more than enough to offset. All categories of machinery except tilling, cultivating and weeding machinery, planting, seeding and fertilizing machinery, barn equipment and spraying and dusting equipment indicated decreased sales for 1961.

The change made in 1957 (reporting unit sales to user by provinces) is continued in this report. Dollar sales are mainly at the wholesale level, i.e. cost to dealer. To avoid disclosure of an individual firm's figures, certain items are not shown. In some cases a figure representing three or more firms is also omitted in order to "cover" one of less than three firms. This report does not include the sales of used machinery, motor trucks, binder twine, export sales of Canadian manufacturers or industrial machinery and tractors not sold primarily for farm use.

Data on major groups, or main line implements, indicate the total goods manufactured and sold in Canada and goods imported and sold in Canada. Data on minor groups such as barn equipment, spraying and irrigation equipment indicate only the sales of such items made by companies primarily engaged in the farm trade; they do not include sales of companies whose major activity lies outside the farm equipment field but who may produce or sell such equipment.

SALES OF FARM IMPLEMENTS AND REPAIR PARTS
1945-1961

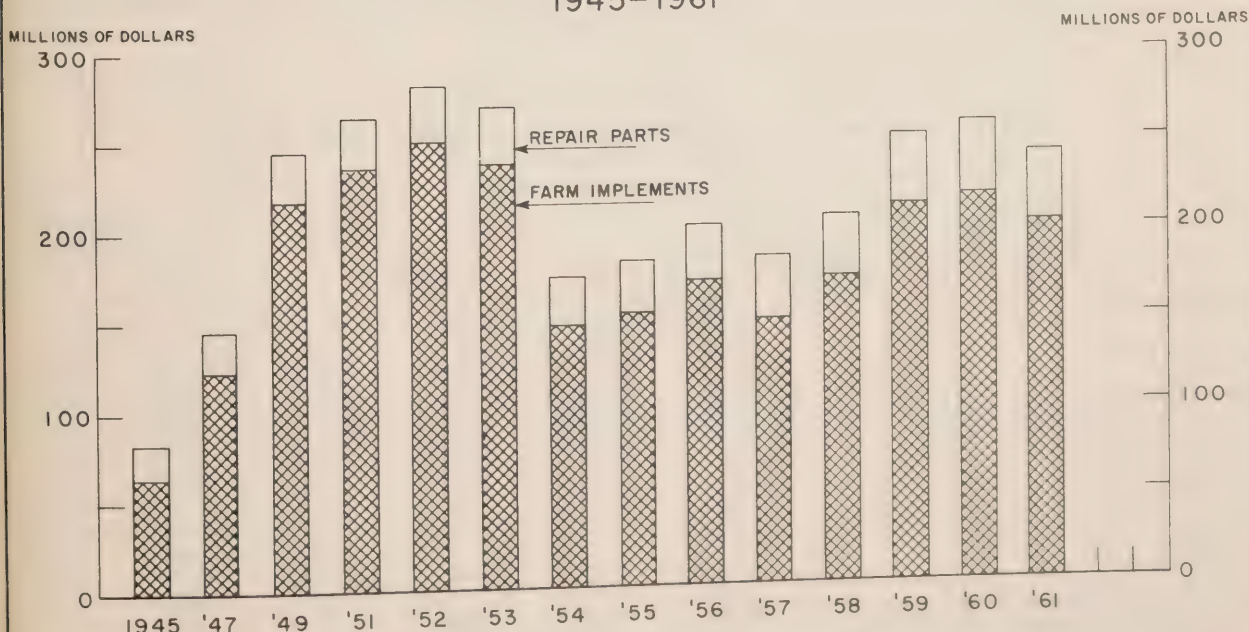


TABLE 1. Farm Implement and Equipment Sales (Including Repair Parts), by Provinces, 1955-61
Value at wholesale prices

Province	1955	1956	1957	1958	1959	1960	1961	Percentage change 1961/60
Canada	181,576,398	202,592,127	183,721,649	205,993,039	251,118,817	258,777,808	241,420,086	- 6.7
Atlantic Provinces	7,843,010	8,485,890	6,369,171	6,897,786	7,691,565	9,068,834	9,713,387	+ 7.1
Quebec	24,454,624	26,630,438	27,954,950	30,455,335	31,688,077	31,537,729	35,369,344	+ 12.1
Ontario	50,053,037	49,265,892	46,152,225	50,060,232	58,611,525	58,174,743	60,131,048	+ 3.4
Manitoba	18,609,712	22,532,551	18,699,296	21,530,215	28,571,930	31,024,616	23,233,194	- 25.1
Saskatchewan	40,328,513	50,104,179	41,568,005	46,421,324	61,396,984	69,052,381	51,541,781	- 25.4
Alberta	34,380,094	39,676,998	38,213,577	45,504,705	56,426,827	53,335,647	54,118,752	+ 1.5
British Columbia	5,907,408	5,896,179	4,764,423	5,123,442	6,731,909	6,583,858	7,312,580	+ 11.1

TABLE 2. Sales of Repair Parts, by Provinces, 1955-61
Values at wholesale prices

Province	1955	1956	1957	1958	1959	1960	1961	Percentage change 1961/60
Canada	28,451,964	31,824,672	33,820,056	33,978,663	38,887,438	41,312,625	39,643,554	- 4.0
Atlantic Provinces	1,013,506	1,061,833	1,073,274	1,100,524	1,209,338	1,376,176	1,547,829	+ 12.5
Quebec	2,740,685	3,305,064	4,113,305	3,986,515	4,657,515	4,745,435	5,092,664	+ 7.3
Ontario	6,233,131	6,363,550	6,978,519	7,001,765	8,018,939	8,775,641	9,125,440	+ 4.0
Manitoba	3,535,101	3,944,453	3,985,737	3,835,412	4,490,250	5,148,130	4,275,442	- 17.0
Saskatchewan	7,893,314	9,355,538	9,430,614	9,516,116	10,876,455	11,693,143	9,926,386	- 15.1
Alberta	6,314,449	6,990,800	7,278,914	7,560,969	8,492,764	8,342,331	8,395,989	+ 0.6
British Columbia	721,778	803,434	959,693	977,362	1,142,177	1,231,769	1,279,804	+ 3.9

TABLE 3. Farm Implement and Equipment Sales, by Major Groups, Canada, 1957-61
Values at wholesale prices

Major group	1957	1958	1959	1960	1961	Percentage change 1961/60
dollars						
All groups, totals	149,901,593	172,014,376	212,231,379	217,465,183	201,776,532	- 7.2
Tractors and engines	56,651,045	63,171,496	78,937,825	80,093,336	74,763,549	- 6.7
Ploughs	8,951,685	9,790,207	11,188,874	11,635,147	11,459,755	- 1.5
Tilling, cultivating and weeding machinery	7,844,897	9,655,652	11,919,868	12,649,509	12,938,912	+ 2.3
Planting, seeding and fertilizing machinery	6,702,950	7,103,526	7,894,126	7,872,633	8,224,200	+ 4.5
Haying machinery	23,566,449	26,256,593	30,655,070	30,544,277	29,297,992	- 4.1
Harvesting machinery	23,983,627	29,850,837	44,122,245	46,485,289	37,631,281	- 19.0
Machines for preparing crops for market or for use	5,555,649	6,101,837	7,509,637	6,261,514	6,232,718	- 0.5
Farm wagons, wagon trucks and sleighs	1,526,949	1,900,279	1,993,795	2,025,408	1,910,479	- 5.7
Barn equipment	2,863,306	3,521,308	3,868,853	4,094,987	4,534,541	+ 10.7
Dairy machinery and equipment	5,468,098	6,488,477	5,139,361	5,765,732	5,588,627	- 3.1
Spraying and dusting equipment (orchard or garden)	1,268,841	1,558,162	1,466,491	1,636,897	1,758,365	+ 7.4
Pumps and irrigation equipment and miscellaneous farm equipment	5,518,097	6,616,002	7,535,234	8,400,454	7,436,113	- 11.5

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1961

Values at wholesale prices

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Tractors and engines									
Tractors - farm use: 100% corrected belt h.p.									
Wheel type:									
9 to 29 h.p. - Diesel	76	138,319	1	33	27	1	—	—	1
Other	530	909,940	58	92	309	1	1	1	20
30 to 34 h.p. - Diesel	3,501	7,392,114	305	1,518	1,198	99	49	180	152
Other	2,311	4,786,868	289	760	870	50	80	159	103
35 to 39 h.p. - Diesel	3,316	7,717,311	247	1,228	1,371	67	28	170	207
Other	1,113	2,656,473	83	353	419	62	25	89	82
40 to 44 h.p. - Diesel	354	1,032,876	11	126	162	20	1	19	1
Other	904	2,292,734	38	317	276	48	76	128	21
45 to 49 h.p. - Diesel	97	319,830	1	1	1	1	1	1	1
Other	1,008	2,896,272	71	155	377	60	104	191	50
50 to 54 h.p. - Diesel	2,665	8,360,927	153	452	940	302	343	381	94
Other	542	1,803,087	1	40	159	43	90	189	1
55 to 59 h.p. - Diesel	1,061	4,248,844	1	1	65	221	387	337	18
Other	722	2,608,891	1	1	58	115	224	276	22
60 to 69 h.p. - Diesel	2,077	8,771,844	17	63	92	292	921	680	12
Other	303	1,141,834	1	1	23	11	123	135	4
70 h.p. & over - Diesel	2,857	13,972,093	1	1	54	307	1,236	1,205	21
Other	83	365,367	—	—	1	—	1	69	—
Total wheel type	23,520	71,415,624	1,353	5,195	6,427	1,730	3,742	4,248	825
Crawler type:									
Under 35 h.p.	422	1,501,219	44	133	106	1	1	40	44
35 to 49 h.p.	77	362,787	1	1	1	1	1	1	1
50 h.p. and over	14	134,877	—	1	1	1	1	1	—
Garden tractors:									
One and two wheel	528	141,430	1	1	1	1	1	1	1
Three and four wheel	505	226,727	63	110	282	8	7	19	16
Gas engines and power units	7,613	417,186	1	1,093	2,793	1,034	803	1,154	1
All other tractors and engines	—	563,699	—	—	—	—	—	—	—
Group total	—	74,763,549	—	—	—	—	—	—	—
Ploughs									
Mouldboard ploughs:									
Tractor drawn:									
One and two furrow	121	34,701	26	1	39	15	1	12	18
Three furrow	513	206,071	75	27	248	28	3	122	10
Four furrow	448	270,464	14	1	140	59	25	196	1
Five furrow or larger	236	180,342	12	—	34	49	16	111	14
Tractor mounted:									
One and two furrow	3,778	739,200	406	2,444	728	13	6	46	135
Three furrow	4,497	1,512,741	242	1,190	2,749	48	9	212	47
Four furrow or larger	517	252,668	24	47	306	19	4	94	23
Disc ploughs:									
Tractor drawn	34	33,245	—	—	1	1	1	10	—
Tractor mounted	118	34,883	—	52	51	—	1	1	9
One-way discs	235	124,877	1	—	1	10	145	46	1
Diskers - Under 10 ft.	300	276,209	—	—	—	1	104	121	1
10 ft. and over	4,945	5,075,646	—	—	—	860	2,801	1,252	32

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1961 - Continued
Values at wholesale prices

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Ploughs - Concluded									
Seed boxes for one-way discs	374	55,015	—	—	—	1	1	1	1
Seed boxes for diskers	2,701	888,822	—	—	—	503	1,880	1	1
Breaker ploughs	2	2	—	—	—	—	—	2	2
Rotary tillers and cultivators:									
Garden (under 10 h.p. approx.)	13,456	1,356,058	305	1,119	4,085	1,376	1,763	2,992	1,816
Field (10 h.p. and over, P.T.O. or engine)	610	264,974	327	232	1	1	—	1	—
All other ploughs	—	153,839	—	—	—	—	—	—	—
Group total	—	11,459,755	—	—	—	—	—	—	—
Tilling, cultivating and weeding machinery									
Harrows:									
Drag harrows (sections)	42,780	751,641	318	840	5,067	10,297	16,127	9,271	860
Spring tooth harrows (sections)	6,449	460,629	837	1,243	2,163	560	670	874	102
Disc harrows:									
Tractor drawn - Single	238	57,265	—	1	1	—	—	1	1
Tandem: Wheel type	1,607	886,454	25	84	807	33	55	553	50
Other	1,880	543,480	55	317	538	1	305	554	1
Tractor mounted - Single	52	13,287	—	1	—	1	1	1	1
Tandem	1,863	528,311	80	477	754	16	106	248	182
Rotary hoes - Sections - (ground driven, teeth or wheel) ..	340	42,371	1	20	297	—	—	1	1
Wheel-type folding drawbars for harrows and rotary hoe sections	3,019	326,223	1	1	72	804	1,621	466	1
Land rollers	42	10,957	1	1	1	—	—	—	—
Soil pulverizers and packers (8 ft. and over)	400	88,935	—	—	312	1	1	1	1
Soil pulverizers and packers (incl. sections) under 8 ft.	4,525	332,634	1	—	1	280	3,378	783	—
Cultivators:									
Row crop cultivators (corn, and potatoes):									
Horse or tractor drawn - One row	2	2	—	2	2	—	—	—	—
Tractor Mounted - One row	458	51,947	1	90	329	1	—	1	1
Two row	1,181	260,450	185	160	799	7	1	1	28
Four, six and eight row	131	48,391	1	6	102	1	1	8	1
Row crop cultivators (beet, bean, etc.)	112	16,175	1	1	58	1	—	1	1
Field cultivators:									
Tractor drawn - Conventional type	1,390	395,365	14	44	1,013	57	140	115	7
Heavy duty, deep tillage type	7,288	5,109,155	—	25	74	1,080	3,533	2,544	32
Tractor mounted	1,867	373,870	42	167	833	531	73	175	46
Tool bar carriers - Tractor drawn	683	239,694	20	1	—	1	1	251	1
Tractor mounted	402	63,212	92	33	105	25	26	80	41
Rod weeders	5,132	1,564,279	—	—	—	1	3,325	1,202	1
Field blade weeders (tractor drawn or mounted)	1,048	309,608	—	—	1	1	1	1	—
All other cultivating and tillage machinery	—	464,579	—	—	—	—	—	—	—
Group total	—	12,938,912	—	—	—	—	—	—	—
Planting, seeding and fertilizing machinery									
Corn planters - Horse or tractor drawn									
Tractor mounted	211	82,219	—	1	193	1	—	1	1
Potato planters	431	71,606	1	81	293	1	—	1	4
Vegetable seeders (radish, onions, lettuce, etc.)	166	137,822	56	40	45	1	1	1	13
Transplanters	2	2	—	—	2	2	2	2	2
Grain and fertilizer drills (combination)	692	239,277	1	1	593	—	—	1	1
Grain drills - Plain	1,000	613,660	56	346	566	5	1	1	19
Press	964	607,051	15	122	326	108	76	294	23
Broadcast seeders, horse or tractor drawn	1,816	1,540,271	—	—	—	244	684	875	13
Fertilizer and lime sowers, horse or tractor drawn	1,405	78,929	1	1	766	1	1	1	1
Group total	1,771	431,291	242	551	551	24	31	283	99

See footnotes page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1961 - Continued
Values at wholesale prices

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Planting, seeding and fertilizing machinery - Concluded									
Anhydrous ammonia applicators	2	2	—	2	2	—	—	—	2
Manure spreaders:									
Power take-off, 2-wheel	3,177	1,875,997	130	613	1,674	148	143	327	142
4-wheel	346	214,945	1	1	118	1	26	125	1
Ground drive, 2-wheel	3,788	1,686,762	363	1,286	1,339	180	175	359	86
4-wheel	39	19,873	—	1	1	1	1	1	—
All other planting, seeding and fertilizing machinery	—	624,497	—	—	—	—	—	—	—
Group total	—	8,224,200	—	—	—	—	—	—	—
Haying machinery									
Mowers:									
Cutter bar type:									
Ground driven (horse or tractor drawn)	20	3,337	—	1	—	1	1	—	6
Power take-off - Tractor drawn	4,058	1,468,934	188	304	1,049	552	903	989	73
Semi-mounted	1,825	629,362	45	240	343	239	370	558	30
Fully-mounted	6,960	2,201,596	590	2,949	1,894	243	273	598	413
Rotary type (drawn or mounted)	609	232,832	27	49	318	27	46	41	101
Dump rakes	138	25,328	—	1	—	1	11	1	1
Side delivery rakes:									
Cylinder type:									
Ground driven (horse or tractor drawn)	7,501	2,866,902	413	1,944	1,604	915	1,186	1,338	101
Power take-off - Semi-mounted	1,240	541,229	26	100	183	69	91	735	36
Fully-mounted	818	313,082	104	244	216	37	31	106	80
Finger wheel type:									
Ground driven (horse or tractor drawn)	934	342,863	—	1	1	1	1	1	1
Power take-off - Semi-mounted	2	2	2	—	—	—	—	—	—
Fully-mounted	—	—	—	—	—	—	—	—	—
Hay conditioners	2,505	1,598,661	135	653	1,600	18	10	44	45
Hay loaders	23	15,418	—	1	—	1	1	1	1
Hay or stook sweeps, (tractors)	2	2	—	—	—	2	—	2	—
Automatic hay balers:									
Power take-off - Wire	73	142,228	1	1	1	—	—	—	—
Twine	11,168	15,793,006	644	2,067	3,155	975	1,854	2,158	315
Engine-driven - Wire	40	94,258	1	27	—	6	1	—	—
Twine	960	1,337,933	71	214	301	62	85	161	66
Field bale loaders	586	113,558	1	111	65	84	84	216	1
Baled hay conveyors - Installed	1,217	181,869	—	1	1	—	—	—	—
Portable	8,135	849,168	1	2,184	2,817	891	1,045	845	1
All other haying machinery	—	546,428	—	—	—	—	—	—	—
Group total	—	29,297,992	—	—	—	—	—	—	—
Harvesting Machinery									
Combines:									
Pull type (by header size):									
Under 8 ft. P.T.O.	1,311	2,754,054	65	147	937	33	1	89	1
Engine driven	146	380,169	1	25	8	1	17	1	1
8-10 ft. incl. P.T.O.	362	1,072,350	38	1	1	64	121	85	1
Engine driven	33	105,027	—	—	1	1	1	1	1
Over 10 ft. P.T.O.	2	2	—	—	—	2	2	2	2
Engine driven	2	2	—	—	—	2	2	2	2
Self-propelled	3,896	21,980,066	50	280	858	332	911	1,423	42
Swathers and windrowers:									
Tractor drawn	1,911	1,648,829	1	8	36	295	714	849	1
Self-propelled	2,310	4,170,910	—	72	233	448	832	700	25
Grain binders	—	—	—	—	—	—	—	—	—

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1961 - Continued
Values at wholesale prices

Type	Canada		Number of units sold						
	Number of units	Value	Atl. Prov.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
		\$							
Harvesting machinery - Concluded									
Corn pickers:									
Tractor drawn	210	265,092	—	—	210	—	—	—	—
Tractor mounted and self-propelled	87	166,547	—	—	87	—	—	—	—
Picker sheller (combination)	35	68,416	—	1	1	—	—	—	—
Forage crop harvesters:									
Basic machine only (all types)	1,583	1,637,710	23	190	693	192	90	210	185
Attachments:									
Cutter bar	183	102,202	1	67	64	12	11	12	1
Pick-up	598	240,463	1	33	323	45	94	83	1
Row crop	461	206,611	1	73	297	11	1	24	1
Forage crop blowers	366	236,101	—	74	246	1	1	1	38
Potato diggers:									
Ground driven	33	11,791	1	1	1	—	1	—	—
Power take-off - One row	163	96,191	1	1	1	1	—	1	1
Two row	155	137,702	1	36	1	1	—	—	1
Potato harvesters (pickers and combines)	252	306,926	135	67	1	1	—	—	—
Shredders and cutters (for corn stalks, orchard prunings, etc.)	468	232,812	1	25	375	10	1	8	36
Beet lifters, harvesters and loaders	66	155,240	—	17	1	1	—	38	—
All other harvesting machinery, such as headers, push harvesters, etc.	—	1,656,072	—	—	—	—	—	—	—
Group total	—	37,631,281	—	—	—	—	—	—	—
Machines for preparing crops for market or for use									
Threshers	94	175,618	—	1	1	—	—	—	—
Ensilage cutters (combination cutter blower)	17	11,740	—	1	1	1	1	11	—
Feed or roughage cutters, hand and power	2	2	—	2	2	—	—	—	—
Corn shellers - Power	24	8,786	—	1	1	—	—	—	—
Grain grinders:									
6 in. or less	317	4,378	1	1	1	1	1	1	1
Over 6 in.	2,973	186,713	1	1	67	849	161	1,889	1
Rollers or crushers (grain)	1,120	264,864	40	64	547	148	174	147	—
Cleaners for grain:									
Hand (fanning mills)	2	2	—	—	—	2	2	2	—
Power	1,600	277,139	1	1	1	278	460	211	—
Hammer mills - Electric driven	77	15,742	1	1	47	1	1	1	—
P.T.O.	770	261,944	1	39	252	91	143	233	1
Belt driven	689	180,114	1	20	201	199	74	171	1
Feed mixers	315	180,323	1	22	114	1	1	132	—
Sorters and graders:									
Potatoes (mainly)	31	16,269	1	1	1	—	—	—	—
Fruit and vegetable	2	2	—	—	2	—	—	—	—
Crop dryer with heating units (for grain, hay, etc.)	69	175,892	1	1	32	—	1	1	—
Tractor loaders	7,567	2,725,771	405	1,680	2,594	746	987	1,003	152
Grain elevators - Bucket type	1,935	401,304	63	261	1,064	1	1	64	1
Auger type	10,618	956,502	113	883	2,923	2,157	1,964	2,480	98
Other elevators	636	196,479	1	1	412	—	1	1	1
All other machines for preparing crops for market or use, such as waxers, washers, vegetable tying machines, etc.	—	193,140	—	—	—	—	—	—	—
Group total	—	6,232,718	—	—	—	—	—	—	—

See footnotes page 10.

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1961 – Continued
Values at wholesale prices

Type	Canada	
	Number of units sold	Value
		\$
Farm wagons, wagon trucks and sleighs		
Wagon gears—Wood and steel wheels	3,451	393,012
Pneumatic wheels	6,182	872,589
Wagon boxes	568	120,763
Forage boxes	478	322,855
All other farm wagons, wagon trucks and sleighs	—	201,260
Group total	—	1,910,479
Barn equipment		
Feed and litter carriers	3,112	186,033
Hay forks and slings	2	2
Hay fork carriers or cars	2	2
Stable stalls and livestock pens (without stanchion units)	11,891	797,825
Cattle stanchions	56,699	426,488
Milking room stalls	541	81,095
Stock watering cups and bowls	94,259	537,879
Gutter cleaners (power operated)	2,756	1,945,115
Miscellaneous barn equipment	—	560,106
Group total	—	4,534,541
Dairy machinery and equipment		
Milking machines:		
Vacuum pumps only	4,442	627,510
Milker pail units	9,310	904,173
Portable units	649	91,625
Pipe line units	571	44,066
Milk pipe line (feet)	18,195	57,803
Milk pipe line (feet)	865	48,996
Cream separators—300 lb. and under	7,094	976,846
Over 300 lb.		
Farm milk coolers:		
Electrical refrigeration type:		
Standard unit	298	106,408
Bulk unit	1,334	2,221,631
Bulk unit	—	509,569
All other dairy machinery and equipment	—	5,588,627
Group total	—	5,588,627

TABLE 4. Farm Implement and Equipment Sales in Canada and the Provinces, by Types, 1961 — Concluded
Values at wholesale prices

Type	Canada	
	Number of units sold	Value
		\$
Spraying and dusting equipment (Orchard or garden)		
Sprayers:		
Field (weed, low volume, low pressure)	5,468	1,116,177
Row crop (all types)	570	169,050
Orchard:		
High pressure — Under 15 gal. p.m. capacity	62	31,456
15 gal. and over p.m. capacity	19	47,176
Air blast sprayers	59	176,803
Air blast attachments	3	2,364
All other spraying and dusting equipment	—	215,339
Group total	—	1,758,365
Pumps and irrigation equipment		
Sprinkler irrigation equipment:		
Pump and engine units — Under 5 h.p., under 50 gals. p.m.	6,257	849,821
5 h.p. or over, 50 gals. p.m. and over	279	188,114
Irrigation pipe and couplings (feet of pipe)	655,674	426,123
Irrigation sprinkler heads	8,661	39,091
All other pumps and irrigation equipment used for farm purposes including hand pumps, windmills, etc.	—	794,712
Group total	—	2,297,861
Miscellaneous farm equipment		
Wagon unloaders (including automatic or self unloaders)	489	411,796
Silo unloaders	209	191,363
Post-hole diggers (tractor or power driven)	1,762	285,667
Land levellers and smoothers	1,899	423,005
Pull type ditchers	72	18,322
Poultry farm equipment	—	823,126
Metal grain storage bins	817	215,729
Miscellaneous equipment	—	2,760,244
Group total	—	5,138,252

¹ Withheld to avoid disclosure of individual results.

² Included in "All other" or miscellaneous category of its group.

TABLE 5. Farm Implement and Equipment Sales, Selected Types, Canada, 1955-61
Values at wholesale prices

Type	1955		1956		1957		1958		1959		1960		1961	
	No. of units	Value	No. of units	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Tractors and engines, totals	—	58,760	—	63,262	—	56,651	—	63,171	—	78,938	—	80,093	—	74,764
Tractors — Farm use:														
Wheel type	25,825	52,837	23,627	54,874	21,730	52,395	23,184	58,576	25,437	74,517	25,399	75,634	23,520	71,416
Crawler type	1,429	4,310	2,213	6,958	654	2,523	622	2,579	536	2,112	766	3,028	513	1,999
Ploughs, totals	—	8,225	—	8,019	—	8,952	—	9,790	—	11,189	—	11,635	—	11,460
Mouldboard ploughs, tractor drawn:														
One and two furrow	1,523	308	1,126	240	936	204	765	175	598	160	242	65	123	34
Three furrow	2,046	611	1,647	482	1,544	511	1,232	400	1,053	404	555	241	513	206
Four furrow or larger	806	364	856	383	560	268	605	304	619	393	708	480	684	451
Mouldboard ploughs, tractor mounted	8,508	1,510	7,225	1,578	7,737	1,373	8,412	1,803	8,241	1,982	8,620	2,242	8,792	2,505
One-way discs:														
Under 5 ft.	219	77	1,683	724	223	63	29	10	2	2	2	2	235	125
5 ft. and over	1,104	590												
Disks:														
Under 10 ft.	607	350	437	238	209	162	804	544	590	360	312	264	300	276
10 ft. and over	3,850	3,026	3,769	3,014	4,285	3,463	4,290	3,930	4,638	4,631	4,594	4,827	4,945	5,076
Tilling, cultivating and weeding machinery, totals	—	7,016	—	7,070	—	7,845	—	9,656	—	11,920	—	12,650	—	12,939
Drag harrows (sections)	34,685	731	37,430	790	40,225	817	32,623	741	42,326	787	43,904	828	42,780	752
Spring tooth harrows (sections)	7,378	293	5,964	308	5,929	324	4,860	289	5,156	318	5,700	377	6,449	461
Disc harrows tractor drawn	6,080	1,464	4,689	1,344	4,368	1,252	4,653	1,597	3,925	1,517	3,989	1,539	3,725	1,487
Soil pulverizers and packers	2,594	210	1,618	148	2,510	226	3,502	311	4,796	441	4,964	416	4,925	422
Cultivators:														
Row crop	2,536	441	2,431	428	1,810	309	1,815	381	1,834	394	1,830	436	1,950	390
Field	10,314	3,147	8,965	3,231	9,053	3,754	10,773	4,861	11,905	6,093	11,625	6,251	10,545	5,878
Rod weeders	709	129	1,036	185	1,318	291	2,372	640	4,055	1,076	4,730	1,400	5,132	1,564
Planting, seeding and fertilizing machinery, totals	—	5,341	—	6,094	—	6,703	—	7,104	—	7,894	—	7,893	—	8,224
Corn planters	1,169	272	898	203	912	222	648	154	962	206	749	195	642	154
Grain and fertilizer drills (combination)	1,512	736	1,627	795	1,015	561	1,357	789	1,434	793	895	560	1,000	614
Grain drills:														
Plain	1,294	581	1,725	808	1,467	763	1,058	559	956	582	1,166	733	964	607
Press	1,186	760	1,618	1,062	2,059	1,286	1,798	1,276	1,937	1,524	1,811	1,502	1,816	1,540
Fertilizer and lime sowers	1,129	213	1,145	229	977	264	1,573	335	1,802	371	1,417	364	1,771	431
Manure spreaders:														
Power take-off, 2-wheel	1,404	625	1,477	695	1,510	805	2,501	1,269	2,634	1,521	2,510	1,488	3,177	1,876
4-wheel	184	86	157	73	247	127	260	143	498	220	239	142	346	215
Ground drive, 2-wheel	4,138	1,358	4,883	1,643	5,017	1,869	4,872	1,792	4,357	1,897	4,232	1,980	3,788	1,687
Haying machinery, totals	—	19,820	—	27,245	—	23,567	—	26,257	—	30,655	—	30,544	—	29,298
Mowers:														
Cutter bar type:														
Ground driven (horse or tractor drawn)			956	212	1,596	427	952	299	347	111	48	8	20	3
Power take-off — Tractor drawn			442	140	1,800	494	2,911	977	4,257	1,558	4,180	1,460	4,058	1,469
Semi-mounted	12,364	2,933	6,043	1,570	3,230	969	4,830	1,403	4,652	1,600	3,240	1,206	1,825	629
Fully-mounted			5,326	1,323	5,750	1,442	4,549	1,270	5,394	1,594	6,408	1,926	6,960	2,202
Rotary type (drawn or mounted)			177	67	266	102	277	98	335	124	356	127	609	233
Hay conditioners									838	557	2,439	1,530	2,505	1,599
Hay loaders	1,667	412	975	257	792	144	567	106	214	55	64	17	23	15
Dump rakes	1,294	126	1,032	108	904	97	394	57	285	50	342	79	138	25
Side delivery rakes (all types)	9,904	2,906	11,634	3,652	10,559	3,559	11,390	4,066	12,104	4,655	11,777	4,458	10,534	4,077

MERCHANDISING AND SERVICES

TABLE 5. Farm Implement and Equipment Sales, Selected Types, Canada, 1955-61 — Concluded

Values at wholesale prices

Type	1955		1956		1957		1958		1959		1960		1961	
	No. of units	Value	No. of units	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value	No. of units ¹	Value
		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000
Haying machinery — Concluded:														
Automatic hay balers:														
Power take off:														
Wire	4,980	6,160	53	98	43	99	37	64	51	98	45	86	73	142
Twine			8,474	10,339	8,121	10,419	9,377	11,740	10,942	14,770	11,333	15,693	11,168	15,793
Engine driven:														
Wire	159	350	186	404	118	289	96	220	64	139	31	75	40	94
Twine	2,581	3,671	3,453	4,960	2,630	3,988	1,934	2,999	1,439	2,415	865	1,543	960	1,338
Harvesting machinery, totals	—	27,564	—	34,753	—	23,984	—	29,851	—	44,122	—	46,485	—	37,631
Combines:														
Pull type:														
Under 8 ft. P.T.O.	2,417	3,817	2,617	5,048	1,268	1,817	1,206	1,883	1,120	1,984	1,089	2,151	1,311	2,754
Engine					465	809	428	841	344	833	221	571	146	380
8-10 ft. incl. P.T.O.					302	703	400	1,007	536	1,499	664	1,874	362	1,072
Engine	404	1,056	292	801	209	569	172	491	216	646	100	335	33	105
Over 10 ft. P.T.O.					192	648	295	947	296	938	446	1,425	2	2
Engine									157	576	102	380	2	2
Self-propelled:														
Ten feet and under	503	1,874	641	2,705	565	2,596	853	3,882	1,358	5,611	1,427	6,629	3,896	21,980
Over ten feet	3,146	13,965	3,238	16,752	1,873	9,737	2,297	12,407	3,542	21,352	3,789	22,158		
Swathers or windrowers	4,491	3,252	6,085	5,723	3,421	3,204	3,534	3,876	5,488	6,344	4,744	5,894	4,221	5,820
Grain binders	791	413	705	370	228	164	2	2	2	2	—	—	—	—
Forage crop harvesters, (all types)	1,465	1,839	1,455	1,917	1,537	1,735	1,467	1,716	1,592	1,790	1,414	1,788	1,583	1,638
Machines for preparing crops for market or use, totals	—	4,933	—	4,768	—	5,556	—	6,102	—	7,510	—	6,262	—	6,233
Threshers	538	1,005	364	556	263	376	259	383	155	244	95	190	94	176
Ensilage cutters	345	191	226	118	112	63	112	68	35	20	17	10	17	12
Grain grinders:														
6 in. or less	158	24	70	11	318	27	379	14	385	8	316	8	317	4
Over 6 in.	3,776	235	3,127	189	2,287	162	2,709	187	2,190	168	1,411	104	2,973	187
Cleaners for grain:														
Hand and power	2,223	315	2,496	371	2,928	428	1,471	302	1,354	285	1,599	277	1,633	282
Hammermills	2,793	558	1,997	439	2,137	488	2,951	765	2,622	799	1,503	447	1,536	458
Feed mixers	1,976	98	1,988	108	1,852	91	241	76	106	28	302	156	315	180
Dairy machinery and equipment, totals	—	3,953	—	4,787	—	5,468	—	6,488	—	5,139	—	5,766	—	5,589
Milking machines:														
Vacuum pumps	5,396	517	4,824	530	4,554	545	6,036	1,011	6,091	858	4,714	664	4,442	628
Milker pail units	9,644	878	10,902	1,002	9,804	917	11,241	1,124	10,101	1,124	10,842	1,164	9,310	904
Cream separators:														
300 lb. and under	1,002	32	1,523	59	752	35	851	56	909	65	926	63	865	49
Over 300 lb.	11,148	1,509	9,832	1,558	7,878	1,203	8,552	1,213	7,547	996	5,375	942	7,094	977
Farm milk coolers (electrical refrigeration type):														
Standard unit	1,686	897	865	266	787	337	1,241	469	400	194	536	199	298	106
Bulk unit			585	1,138	1,146	2,200	1,308	2,404	1,045	1,848	1,215	2,154	1,334	2,222

¹ Number of units sold represent sales to user. In previous years, units sold were suppliers' sales to dealer.

² Withheld to avoid disclosure of individual results.

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